

AMERICAN FRUITS

International Journal of Commercial Horticulture

Vol. XIII

JUNE, 1911

No. 6

JAPAN WEeping ROSE-FLOWERED CHERRY



HARDY ornamental trees for the lawn and landscape are grown with special care at the Painesville Nurseries. Soil and climate there are especially suited to their growth. More acres are devoted to the production of ornamental stock than in any other nurseries in the United States.

AN exquisite little tree is the Japan Weeping Cherry, 8 or 10 feet in height, draped in rosy masses of bloom in early spring before its leaves appear. Even when grafted on tall stems its slender branches sometimes sweep the grass in graceful garlands. Well adapted to small lawns.

PAINESVILLE
NURSERIES

The Storrs & Harrison Co.

PAINESVILLE
OHIO

"SPECIALISTS IN WHATEVER WE PROPAGATE"

A Complete Variety List

Ornamentals, Fruits, Roses, Evergreens,
Clematis, Herbaceous Plants
for
Nurserymen, Dealers, Orchardists, Gardeners
and Landscape Architects
Lowest Prices Consistent With Quality

Our office and nurseries are situated on
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one and one-half hours from Rochester

W. & T. Smith Company

GENEVA, N. Y.

700 Acres

63 Years

EVERGREENS

HEMLOCKS

AUSTRIAN PINE

SCOTCH PINE

WHITE PINE

BALSAM FIR

SIBERIAN ARBOR VITAE

PYRAMIDAL ARBOR VITAE

With or without ball

ELLWANGER & BARRY

Mount Hope Nurseries

Rochester, N. Y.

C. M. HOBBS & SONS BRIDGEPORT, IND.

APPLE, 1, 2 and 3 years in leading sorts

CHERRY, 1 and 2 year fine stock

PEAR, 1 and 2 year in leading sorts

PLUM, 1 and 2 year Japan, European and
native sorts

PEACH, 1 year leading sorts

PRIVET, 1 and 2 year fine stock

SHADE TREES, in car load lots Norway
Maple, American Elm, Box Elder,
Silver Maple, etc.

We also have a general line of other stock
not mentioned above.

Want lists invited.

Jackson & Perkins Company

NEWARK, N. Y.

offer to the Trade an unusually complete assortment of Fruit and Ornamental Stock, including some things scarce and hard-to-find; their Tree Hydrangeas, Tree Lilacs, Roses, Clematis, Ampelopsis Veitchii, Dwarf Apples, Cherries on Mazzard, and a few Specialties, have earned for the J. & P. goods the name of

"PREFERRED STOCK"

A few more buyers can be taken care of very well. Want Lists are invited. Bulletin will be sent on request. The address is:
JACKSON & PERKINS COMPANY,
Dispensers of The Preferred Stock,
Grown at NEWARK, which is in
WAYNE COUNTY, near Rochester,
New York.

American Fruits Monthly Guide for Purchasers

Rate for Announcements in this Department: 25 cents per line; minimum charge \$1.00.

NURSERIES

ALABAMA

W. F. HEIKES, MGR., HUNTSVILLE—Apples, pears, plums, peaches, cherries, roses, pecans and magnolia grandiflora. Send for price list.

FRANCE

P. SEBIRE & SON, USSY, CALVADOS (C. C. ABEL & CO., 110 Broad St., New York City)—General assortment of fruit tree stocks. Catalogue free.

BARBIER & CO., ORLEANS.—Fruit tree stocks and ornamental stocks. Wholesale trade list free.

GEORGE E. DICKINSON, 1 Broadway, NEW YORK CITY—Dealer in nursery stock. Importers of nursery stock and ornamentals. Agent in U. S. for E. T. DICKINSON, Chatenay, Seine, France.

GERMANY

J. HEINS & SONS, HALSTENBEK, GERMANY.—Millions of Fruit Stocks on hand. Shipments: 160,000,000 trees annually.

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E. Y. TEAS & SON, CENTERVILLE, IND.—The new Hydrangeas; strong 2 and 3 year plants; the largest stock in America. 50,000 Peonies. Hardy Shrubs, Hardy Privet. Gladiolus, etc.

C. M. HOBBS & SONS, BRIDGEPORT—We are headquarters for apple and other stock, both fruit and ornamental. Catalogue. CATALPA SPECIOSA PURE.

W. C. REED, VINCENNES—Cherry trees, one and two year. General line of other stock.

J. K. HENBY & SON, GREENFIELD—We offer a complete assortment of General Nursery stock; expect to have over three million Catalpa Speciosa pure.

KANSAS

J. H. SKINNER & CO., TOPEKA—Fruit and ornamental trees and shrubs. Apple and pear seedlings. Forest tree seedlings.

KENTUCKY

WILLADEAN NURSERIES, WARSAW—Lowest prices on ornamental trees, shrubs and tree seedlings. Catalpa Speciosa or Black Locust Seedlings in any quantity.

MARYLAND

J. G. HARRISON & SONS, BERLIN—General line of nursery stock. Great variety of small fruits. Strawberries a specialty. Evergreens, too.

FRANKLIN DAVIS NURSERY CO., BALTIMORE—General line of nursery stock. Specialties as announced elsewhere in this issue.

MICHIGAN

I. E. ILGENFRITZ'S SONS CO., MONROE—Growers and dealers. Standard fruit trees, dwarf fruit trees, small fruits, ornamentals, shade trees. Employ agents, issue catalogues.

MINNESOTA

THE JEWELL NURSERY CO., LAKE CITY—Established in 1868. 1,200 acres, all at Lake City. Wholesale and retail. Largest growers of hardy stock in the United States.

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UNITED STATES NURSERY CO., ROSE ACRES—Field grown roses, shrubs, Iris, Peonies.

MISSOURI

STARK BROS. NURSERIES AND ORCHARDS CO., LOUISIANA—General line of nursery stock in large quantity and variety. Nurseries east, west and south. Quotations promptly submitted.

NEBRASKA

FREMONT NURSERIES, B. E. FIELDS & SON, PROPRIETORS, FREMONT, NEB.—Growers and dealers in all kinds of fruit, ornamental and shade trees. Grape vines, small fruits, roses, shrubbery and all kinds of forest tree seedlings. Lowest prices consistent with quality.

NEW JERSEY

CHARLES BLACK, HIGHTSTOWN—Large stock of Cal. Privet 1 and 2 year old, 12 in. to 4 ft.; grade and price will please; special low prices on our car lots. Also Ampelopsis Veitchii, strong transplanted 2 year plants.

NEW YORK

ELLWANGER & BARRY, ROCHESTER—Fruit and ornamental trees, shrubs, evergreens, roses, hardy plants. Catalog on request. LARGEST AND MOST VARIED COLLECTIONS IN AMERICA.

JACKSON & PERKINS COMPANY, NEWARK—Ornamentals, roses, clematis, tree hydrangeas, perennials, etc. Agents for foreign houses selling French fruit tree seedlings. Belgian Azaleas, exotic plants, etc. WHOLESALE ONLY.

W. & T. SMITH CO., GENEVA—Highest grade stock of fruit and ornamental trees, shrubs, roses, evergreens, vines, etc. Catalogs. LOWEST PRICES CONSISTENT WITH QUALITY.

T. S. HUBBARD CO., FREDONIA—Grape vines a specialty. Forty-three years' experience. Complete stock of one and two year old. Also one year Currants.

OHIO

STORRS & HARRISON CO., PAINESVILLE—Growers of everything that makes a complete nursery. Issues catalogues and price lists. Wholesale and retail. Specialists in whatever we propagate.

W. N. SCARFF, NEW CARLISLE—Everything in small fruit plants. Ask for price list. Large stock and great variety.

SOUTH DAKOTA

WHITING NURSERY CO., YANKTON, S. DAK.—Hardy, clean general Nursery stock. Retail and wholesale. Forest seedlings, Cuttings, and Large shade trees. Send for prices.

TENNESSEE

SOUTHERN NURSERY CO., WINCHESTER—Apples, 2 year old, grafts and buds. Shade and ornamental stock. Roses on own roots. Let us price your list.

GREENBRIER NURSERY CO., GREENBRIER—Peach buds, twenty-five leading commercial varieties. Ask for list.

TEXAS

WAXAHACHIE NURSERY CO., WAXAHACHIE—Peach, plum, pear, cherry. Roses. Exceptionally fine stock. Let us quote you prices. Correspondence solicited.

VIRGINIA

W. T. HOOD, RICHMOND—California privet. Several hundred bushels Natural Peach Pits.

LABELS

BENJAMIN CHASE CO., DERRY, N. H.—All kinds of labels for nurserymen's use. Samples and prices submitted upon application.

DAYTON FRUIT TREE LABEL CO., DAYTON, O.—Labels of all kinds for nurserymen's use. Samples and prices upon application.

KNIVES

MAHER & GROSH CO., TOLEDO, O.—Nurserymen's knives of all kinds. Propagating knives, pruners, budders, grafters.

SUPPLIES

WEAVER HARDWARE CO., ROCHESTER, N. Y.—Write for 1911 Spray Calendar and 48-page Catalog. Most complete line Fruit Growers' and Nurserymen's Supplies in United States.

B. G. PRATT & CO., 50 CHURCH ST., NEW YORK CITY—"Scalecide" for San Jose scale and all Fungous Diseases; also Carboline.

ARE YOU POSTED?

It is good business policy to keep posted on matters concerning your trade. Can you do this without reading AMERICAN FRUITS thoroughly every month? Read this issue through from cover to cover—and then decide. It costs \$1.50 per year!

WOOD LABELS —Of All Kinds for— NURSERYMEN AND FLORISTS

The Benjamin Chase Co., 11 Mill St., Derry, N. H.

FRUIT TREE STOCKS

Our wholesale trade list, quoting prices for all sizes and sorts of fruit tree stocks, as well as

ORNAMENTAL STOCKS

is mailed free on application. In case you have not received it, ask for the same.

WE HAVE NO AGENTS

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International Journal of Commerical Horticulture

Entered August 4, 1904, at Rochester, N. Y. Post Office as second-class mail matter

Vol. XIII

ROCHESTER, N. Y., JUNE, 1911

No. 6

Progress In Arkansas Horticulture

Ten Million Bearing Apple Trees In the State--Great Activity In Last Five Years in Spraying and Pruning---Up-to-Date Methods Producing Telling Results

By Prof. Ernest Walker, Secretary Arkansas Horticultural Society

IN "APPLE tree population" two counties of Arkansas lead the world. These counties are Benton and Washington, in the northwest corner of the state. There are, it is reckoned, about 10,000,000 bearing apple trees in the State. Most of these are in Northwest Arkansas, and of these there are about 3,000,000 to 3,500,000 in each of the two counties named. That's some trees. For years commercial orchards received but indifferent care. Few were spraying; little attention was paid to pruning; and careful cultivation was the exception rather than the rule; but all this has been changed during the past ten years. Indeed most of the progressiveness now visible on every hand is a matter of the past five or six years.

Formerly the Arkansas orchardist boasted of the extent of his orchard. Now he realizes that extent of orchard does not necessarily stand for much. Vast extent of territory does not necessarily mean greatness of nation, as a country called Russia, once learned. The question which now-a-days the Arkansian is apt to ask is: "What is the yield per acre, or tree?" For he has learned that a ten-acre orchard may, in results, be really bigger than a hundred acres. This represents progress.

Up to Date Methods

There are now up to date methods, hundreds of power gasoline spray rigs at work in Arkansas orchards, and the ground of many orchards has been already cultivated one or more times. A little earlier one could see lots of brush being cut out of orchard trees with Bishop pruning saws and the Rhodes Double Cut pruning shears. Hatchet and ax work are things of the past. There are, of course, still plenty of orchard owners who are nothing more than this represents; but on the other hand there are hundreds of real orchardists as "up-to-date" in their methods, and ideas as those of any section of the United States.

Commercial peach growing has sprung into startling magnitude during the past ten years. It is estimated that there are about ten million bearing peach trees in the State, principally Elberta. Arkansas peaches follow those of Texas and Georgia, which proves a great advantage in marketing. Some orchards of the States are of vast proportions. One in Pike County embraces some two thousand acres, and this year the owner expects to ship 300 car loads. This orchard is still young. A full crop for the State at the present time would amount to 3,000 to 3,500 car loads.

Arkansas Peaches

The most successful peach area—that is for largest proportion of bearing years, is along the south slopes of the Ozark Mountains, and of the Washita Mountains in Central Western Arkansas. These lands are in the cotton growing section of the State. Peaches are grown in Northwestern Arkansas, but suffer more frequent damage by winter killing of the flower buds. Arkansas peaches take on a magnificent color and flavor not surpassed anywhere.

Muskmelons during recent years are coming into prominence as a commercial crop. One point last year shipped one hundred car loads. Another marketed the crop of 750 acres. Similar acreages were grown at other points.

With spraying grapes do splendidly. The early grapes are the most promising for shipping. The later grapes strike the season northward of Georgia, and other peaches, which is in the way of the most advantageous marketing.

Strawberries are grown at a number of points on a large commercial scale. Judsania in White County is probably the heaviest shipper, the output being last year 300 car loads from this point. Van Buren is probably next in importance as a shipper of strawberries. Shipments frequently amount to 120 car loads. Clarksville, Fayetteville, Springdale, Rogers, Bentonville, Siloam Springs, Decatur, Gentry and Garfield, being other important strawberry points. The shipments for the State amounted to about 1000 car loads annually.

Florida Orange Crop

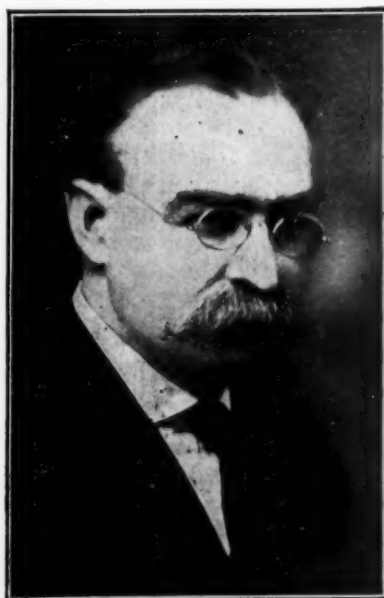
Arcadia, Fla.—The orange crop of the State of Florida for the season of 1910-11 is roughly estimated at 5,000,000 boxes. De Soto had about 600,000 boxes.

200,000 Quarts Per Day

Humboldt, Tenn.—Two hundred thousand quarts of strawberries per day were being picked early last month within a radius of five miles of Humboldt, and the laborious duty was performed by from 1,500 to 2,000 hands, who received 2 cents a quart, or \$4,000 a day for the work.

Demand for Evergreens

Boone Gardiner, Louisville, Ky., is making a specialty of evergreens. He recently secured the contract for decorating the grounds of the headquarters of the Passionist order in the United States in Chicago, at an estimate of \$2,500.



PROF. ERNEST WALKER,
Secretary Arkansas Hort. Society

Will Need Nursery Stock

Wheeling, W. Va.—West Virginia Fruit & Storage Company of Parkersburg, W. Va., to plant and cultivate apple, peach and pear and other fruit orchards and construct and operate storage houses. Authorized capital \$100,000. Incorporators, Mentor Caldwell, James S. McCluer and Henry H. Dills, of Parkersburg; Herbert S. DeLand, of Washington, D. C., and W. A. VanDerwukem, of Berkeley Springs, W. Va.

Coal Baron as Orchardist

Walla Walla, Wash.—Ex-governor Miles C. Moore, banker, politician and "Alaska coal baron," has gone into the apple raising business. With his two sons as partners, he has planted 125 acres of Rome Beauty, Jonathan apples and Yellow Newton on a highland tract near Dayton.

Death of G. A. Atwood

Springfield, Mo.—G. A. Atwood, formerly publisher of The Southwest, a farm journal, but more recently editor of the farm page of the weekly edition of The Leader, organizer of the Ozark Fruit Growers' association, and one of the best known authorities in agricultural and horticultural subjects in the southwest, died at his home here May 7. Death was due to bronchial tuberculosis, from which he had been suffering since the first of February. He was 71 years of age.

Eastern Opportunities

During the past five years the New York state department of agriculture, directly or indirectly, has fostered the sale of \$9,200,000 worth of New York farm lands; 1100 farms aggregating 148,000 acres are still for sale or to rent in New York state at an average valuation of less than \$32, and as low as \$20 an acre for excellent fruit lands. The 1400 inquiry letters received during 1910 by the department from western farmers also show how keen the interest is growing in eastern opportunities.

In Western New York

Buffalo, N. Y.—Fruit retailers, commission men, and farmers all the way from Buffalo to Lake Ontario and along the southern watershed of the lake are figuring on one of the finest fruit crops that northwestern New York has ever produced. The backward spring checked premature development of the buds, and permitted extensive spraying and the eradication of the usual spring tree diseases. Apple and peach orchards are now in splendid condition; bumper crops seem certain. The grape crop promises to be an unusually good one. The outlook for pears, plums, peaches, cherries, and quinces is also said to be very good.

Big Demand for Fruit Jars

Muncie, Ind.—The prospects of a big fruit crop and the heavy demand for fruit jars already, will cause the big fruit jar factory of Ball Brothers, employing eighteen hundred persons, to continue in operation all summer, according to Frank C. Ball, president of the company. Ball Brothers receive special crop reports from their own representatives and they say that there is every reason to expect the heaviest fruit crops in years.

Arkansas State Horticultural Society

The Arkansas State Horticultural society is a wide awake organization and publishes a report that would be a credit to any state. The society has been in existence for thirty-one years. It has never had any state aid, and for years was not able to publish reports of its proceedings. For the last ten years it has been issuing an annual report. Effort has been made from time to time during the existence of the society to get state aid to assist in publishing these reports, but these requests have been regularly turned down. The present year an effort was made by the State Horticultural Society to have a State Board of Horticulture created, and a bill was drafted and introduced in the Legislature, but was practically killed by postponement. The general plan of this board was that followed by the Missouri Horticulturists in their bill for a State Board of Horticulture which was created a few years ago and has been accomplishing splendid results. This plan would have included funds for the publication of the society's annual reports in larger numbers than is possible without state aid.

Last year was a busy one for the society. Exhibits of fruits were made by it at the Memphis Tri-State Fair; some of the County Fairs in the fruit section; the State Fair at Hot Springs; the Horticultural Show in Council Bluffs; and at Little Rock last January in connection with the annual meeting of the society.

Professor Ernest Walker of the State University has been a leader in this work. Other members who were equally public spirited were G. T. Lincoln of Bentonville; D. E. Eicher, Springdale; P. A. Rodgers, Gravette; W. H. H. Shibley, Van Buren; C. S. Bouton, Springdale; J. W. Stroud, Rogers; M. F. H. Smeltzer, Van Buren; and a few others.

Professor Walker has been at the head of horticultural work in the state for the last eleven years. He has been secretary of the State Horticultural Society most of this time and is at present Secretary. He is also Professor of Horticulture in the College of Agriculture, and is Horticulturist of the Experiment Station. He is a man of broad training, extensive, and varied, practical experience in horticulture. He has exerted a powerful influence upon the horticultural

development of the state both as an investigator, and in interesting the practical man in the results and teachings of the Experiment Station, and College of Agriculture. The Arkansas Homestead speaks of him as the "human dynamo" of Arkansas Horticulture.

17,500 Pickers Wanted

Joplin, Mo.—Early last month the Strawberry Growers' Association in Sarcosie, Mo., advertised for 8000 pickers, men, women and children. Neosho wants fully as many. Aroma, a little strawberry town south of here, has advertised for 1500. Schools are letting out in most of the strawberry towns. A nimble-fingered girl or boy from 15 to 20 years of age can make from \$2 to \$2.50 per day picking berries.

Breeding a Missouri Peach

Columbia, Mo.—The Crawfords and the Elbertas are good peaches, but they do not stand the Missouri climate very well, so the professors in the department of horticulture of the university are now trying to produce a hardier variety to withstand the light freezes in the spring. The new variety if the work of the department is successful, will be a cross between two varieties.

"If we succeed, the new variety will be worth millions of dollars to the state," said W. H. Chandler, instructor in horticulture. "We are trying for a peach that will ripen between August 1 and 15."

Palisades, Colo.—J. R. Dougherty has sold to Edward Shackleton ten acres of fruit orchard west of town for \$23,000.



SOUTHERN HOTEL, ST. LOUIS, MO.
Where American Association of Nurserymen will meet June 14-16, 1911.

YOUR OPPORTUNITY

For \$1.00 We will send the American Fruits Pocket Directory of Nurserymen. Over 4,000 names and addresses.

For \$1.50 We will send AMERICAN FRUITS for one year to any address in the United States, Canada or Mexico.

For \$1.75 We will send AMERICAN FRUITS and a Razor Steel Grafting Knife of best quality, for pocket.

For \$2.00 We will send AMERICAN FRUITS and Directory of Nurserymen with over 4,000 names and addresses.

For \$2.50 We will send AMERICAN FRUITS for Two Years to any address in this country.

For \$3.00 We will send AMERICAN FRUITS for Two Years and Directory of Nurserymen.

Increases His Holdings

Hamburg, Ia.—C. E. Mincer, horticulturist, who is prominent as the man who introduced smudge pot orchard heaters in Iowa, has purchased another large fruit farm.

Demonstration Orchard

Cambridge City, Ind.—The horticultural department of Purdue university, has determined to establish a demonstration orchard on the farm of H. A. Whiteley, near Cambridge City, because of the fitness of the soil for fruit growing.

Water May Save Orchards

Wilson Creek, Wash.—The experiment in protecting fruit from early frost, as tried by a local grower, has apparently proven successful. The plan is to have standing water among the trees on extra cold nights to draw the frost. Some of the earliest blossoms were hurt, but the tardy growths were injured in no way.

Many Trees Condemned

Basin, Wyo.—Inspector C. M. Osborn, of Worland, has condemned thousands of nursery trees in shipments from three nurseries this spring to this place. Crown and root gall was the cause.

Columbia, Mo.—A map of Missouri, showing all the districts infected with scales and insects injurious to fruit trees, will soon be prepared by the state board of horticulture.

Fruit packed and shipped in paper packages will be one of the features of this year's harvest of crops in the fruit belt district of Michigan.

W. K. MARTIN

SIKESTON, MO.

APPLE EXCLUSIVELY. Contract and wholesale Growers. Finest soil in Missouri. One-year Grafts to offer this Fall.

Let us figure with you at the Convention

SURPLUS

At prices that will move this stock quick.
150,000 Black Locust and Catalpa Speciosa seedlings, all grades.
100,000 California Privet, 1 and 2 year, all grades and fine plants.
100,000 Asparagus 2 year Plants Ass'd.
60,000 Peach Trees Good Ass't. Write at once, naming number, grades and kinds wanted for prices.

THE WESTMINSTER NURSERY, Westminster, Md.

Wanted. A working foreman.

Whiting Nursery Co.

A general stock of hardy Northwestern Varieties that will succeed anywhere. It will pay you to get my Free Descriptive Catalogue. It is accurate, concise and original, and based upon 25 years' experience in South Dakota. The best of its kind in the Northwest today.

WHITING NURSERY CO.

Lock Box 1108,

Yankton, S. Dak

Five Hundred Carloads Nursery Stock

Shipped Out of Rochester N. Y., This Spring Over One Railroad--Much Stock Shipped Over Other lines--Ten Carloads Per Day of Spraying Solutions

MORE THAN five hundred carloads of nursery stock were shipped out of Rochester, N. Y., this spring over the New York Central railroad tracks besides the stock shipped over other lines. Three hundred cars were shipped from the Brighton station, and 200 cars from the Atlantic avenue station.

The Atlantic avenue platform is solely for the accommodation of nurserymen, and when a business assumes the impressive proportions necessary to influence a railroad company to install special facilities, the day of small things is far passed. During the loading season the railroad company adds a large force of men at the Brighton freight house and fifteen stevedores are required at the Atlantic avenue platform which has a capacity of twenty-one cars simultaneously. It is probable that if the localities to which the more than 500 cars were consigned were enumerated a tolerable map of the United States and the Southern part of Canada could be constructed from the places named. In addition some shipments of stock were made to Mexico and other foreign countries. It is manifestly impossible to approximate the number of peach, apple, plum, cherry and other varieties of fruit trees required to load 500 freight cars, but it is evident enough that it is a matter of some millions of trees, all of which is some slight hint that not the least of Rochester's living advertisements are to be fruit trees scattered from coast to coast.

Not all nursery stock grown in the vicinity of Rochester, however, is shipped to distant points, as witnessed by the fact that there are, along the line of the Rome Watertown and Ogdensburg railroad in the counties of Niagara, Orleans, Monroe and Wayne

about 55,000 acres of bearing orchards of various kinds of fruit, with, it is estimated, 60,000 acres more that will come into bearing in the next five years. In addition there is said to be 30,000 acres of bearing orchards along the Falls branch of the New York Central between Rochester and Niagara Falls.

Spraying solutions were also shipped from Rochester in large quantities, one concern sending ten car loads daily in the early part of March.

First Chattanooga Crop

Chattanooga, Tennessee:—In round numbers the strawberry growers of the Chattanooga district have received for their first crop of berries \$190,000. This amount indicates the shipments that have been made from the vicinity of Chattanooga or local shipments and also the shipments from Rathburn, Sale Creek, Retro, Melville, Grysiville, Soddy, Boyce, Scheffield, Spring City, Dayton, Evensville, the Rising Fawn district and the Alabama district.



ROTUNDA OF SOUTHERN HOTEL

L. R. TAYLOR & SONS
TOPEKA, KANSAS

**WE GROW
APPLE SEEDLINGS
OF
QUALITY**

The HARD, BRITTLE, SNAPPY SORT

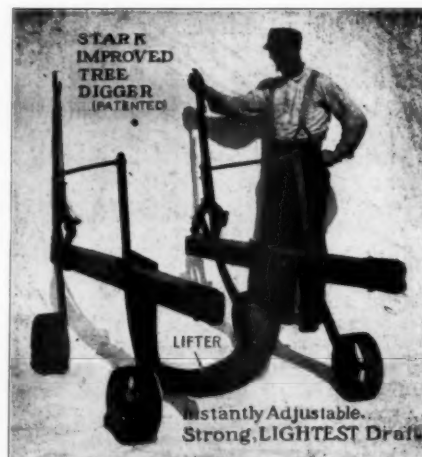
Only produced by Strong, New Land. Stop using soft, spongy seedlings grown on old worn out soil.

**A FINE LOT OF
JAPAN PEAR SEEDLINGS,
APPLE, CHERRY, PEACH
AND PEAR TREES**

See You at Convention.

Badge 224

The Best Tree Digger on Earth



Write for Descriptive Circular and Prices

STARK BROS.

Nurseries and Orchards Companies

LOUISIANA MO.

Programme for the St. Louis Convention

FOLLOWING is the programme for the annual convention of the American Association of Nurserymen at St. Louis, June 14-16:

Wednesday, June 14th, 9:00 A. M.

Address of Welcome—

Mayor of St. Louis.

Thomas L. Cannon, Secretary of Convention Bureau City of St. Louis.

Response—

J. W. Hill, Des Moines, Iowa.

President's Address—

W. P. Stark, Louisiana, Mo.

Reports

Secretary—John Hall, Rochester, N. Y.

Treasurer—C. L. Yates, Rochester, N. Y.

Transportation Committee—D. S. Lake, Shenandoah, Iowa; Charles M. Sizemore, Louisiana, Mo.

Legislative Committee—East of Miss. River, Wm. Pitkin, Rochester, N. Y.; West of Miss. River, Peter Youngers, Geneva, Neb.

Tariff Committee—Irving Rouse, Rochester, N. Y.

Committee on Co-Operation with Entomologists—J. W. Hill, Des Moines, Iowa.

Committee on Publicity—Orlando Harrison, Berlin, Md.

Committee on Co-Operation with Fruit Growers and Associations—J. M. Irvine, St. Joseph, Mo.

Committee on Trade Opportunities—Jefferson Thomas, Harrisburg, Pa.

Committee on Nurserymen's Share in Civic Improvements—J. Horace McFarland, Harrisburg, Pa.

Committee on Membership—John Watson, Newark, N. Y.

Committee on Root Gall—E. A. Smith, Lake City, Minn.

Committee on Entertainment—F. A. Weber, Nursery, Mo.

Wednesday Evening

Meeting of State Vice-Presidents, subject to announcement.

(Members from each State are urged to consult together and select their new vice-president).

Meeting of American Nurserymen's Protective Association, in the Southern Hotel, at 8 o'clock. Thomas B. Meehan, Secretary.

Meeting of Retail Nurserymen's Association at 9 o'clock. Guy A. Bryant, Secretary.

Thursday Morning, June 15th, 9 O'clock.

Report of Vice-Presidents on Officers and Place of Next Meeting.

"The Nurserymen and the Entomologist"—Prof. S. J. Hunter, Lawrence, Kans.

"Spring Versus Fall Planting of Fruit Trees"—Dr. J. C. Whitten, Professor of Horticulture, Columbus, Mo.

"Ethics of Our Business"—Harlan P. Kelsey, Salem, Mass.

"Fraternity Among Nurserymen"—Charles T. Smith, Concord, Ga.

"Standardization of Grades"—

W. J. Maloney, Dansville, N. Y.

E. P. Bernardin, Parsons, Kans.

"Standardization of Prizes at Wholesale"—T. J. Smith, Geneva, N. Y.

"Standardization of Prices at Retail"—Abner Hoopes, West Chester, Pa.

"Should Large Buyers not in the Trade, Parks, Cemeteries, Public Institutions, etc., be Given Trade Prices?"

Thomas B. Meehan, Dresher, Pa.

Wm. Pitkin, Rochester, N. Y.

Friday Morning, June 16th, 9 O'clock.

"How to Extend Our Wholesale Markets"—E. S. Welch, Shenandoah, Iowa.

"How to Extend Our Retail Markets"—J. M. Pitkin, Newark, N. Y.

F. H. Stannard, Ottawa, Kans.

"Our Mailing Lists—Who are Entitled to Trade Lists?"

E. W. Kirkpatrick, McKinney, Texas.

Jim Parker, Tecumseh, Okla.

"Our Mailing Lists—Should They be Classified?"

C. J. Maloy, Rochester, N. Y.

A. J. Robinson, Bedford, Mass.

"Our Mailing Lists—How Best Kept Up-to-Date?"—C. J. Brown, Rochester, N. Y.

ONE SESSION DAILY is the arrangement; therefore

BE PUNCTUAL at all sessions.

COME PREPARED to participate in discussion of Reports of Committees, and the papers to be presented.

ENTERTAINMENT.

Wednesday, June 14th.

2 P. M.—Special cars to Missouri Botanical Gardens. Spend about two hours at the Gardens, return to Hotel about 6 p. m.

8 P. M.—It has been deemed advisable to leave this evening open for Protective Association meetings and for the use of the Program Committee as they may see fit.

Thursday, June 15th

2 P. M.—No definite arrangements have been made for this afternoon. The Committee will, however, have something to offer you, so that you will not have an opportunity to take a noonday siesta unless you so desire.

7 P. M.—Ladies will be taken in special cars to one of our popular Summer Gardens. After the performance, the ladies will have a little banquet for themselves, where they will do all the speech making, (no reporters will be permitted, if the committee can help it).

8 P. M.—All members of the American Association of Nurserymen will be invited to the "Shaw Banquet," given by the Trustees of the Shaw Fund.

Friday, June 16th.

1 P. M.—All aboard for the "Steamer Alton" for a trip on the beautiful Mississippi River. Arrive at Jefferson Barracks 4:15 p. m., where we will be entertained with Military music, dress parade, etc. Leave 5:30 arriving in St. Louis about 7:30. Luncheon will be served on board boat immediately after leaving the landing. An orchestra will supply music and we are going to let you do just as you please on this trip.

Entertainment Committee—Frank A. Weber, Chairman; John Watson, Wm. Campbell, Robert Chase, C. C. Mayhew, A. M. Ferguson.

Local Entertainment Committee—Wm. A. Weber, L. F. Dintelmann, H. C. Irish, George Weber, J. W. Schuette, Emil Rothenberger, C. C. Sanders, Walter Weber.

Local Ladies' Entertainment Committee—Mrs. J. W. Schuette, Mrs. Walter Weber, Mrs. Wm. A. Weber, Miss Laura A. Sanders, Mrs. H. C. Irish, Miss Jessie B. Sanders, Miss E. Kirkbride, Mrs. Minnie Steele, Mrs. C. C. Sanders, Mrs. Geo. Weber, Miss Edith Schuette.

Fruit Crop Prospects

Pueblo, Colorado.—After a glance over a long list of reports from various counties of the state, relative to the fruit crop outlook, which has been handed to President Beaman of the Colorado State Fair association, one is forced to believe that Colorado will produce a remarkable output of fruit this season.

Des Moines, Iowa.—Iowa will not only produce a mammoth crop of apples, cherries, plums, pears, and other fruits this season if nothing unexpected happens, in the near future, but it will be in the front rank in things otherwise.

Albuquerque, N. M.—Nearly 500 car loads of fruit or 240,000 bushels is the estimate made of the yield expected in the Roswell district of the Pecos valley, this season by far the largest in the history of the district, and one that will set a new record for successful fruit-growing in the Southwest.

This estimate is made by H. J. Hagerman, owner of the celebrated Hagerman orchards at Roswell.

3000 Carload Crop

Yakima, Wash.—That the Yakima valley will produce 3000 carloads of fruit this year, in spite of the damage done by frost, is the statement of H. P. James, secretary of the Yakima Commercial club, in response to inquiry from the Spokane Chamber of Commerce.

The heaviest damage, Mr. James writes, was done in the low lands, where, he says "fruit should never have been planted."

The Interstate Commerce Commission has dismissed the petition of the Georgia Fruit Exchange for a rule to require the Southern Railway Company, and its connections to reduce their minimum carload weight from 22,500 pounds to 19,000 pounds

A new company, to be known as the Eugene-Creawell Nurseries, has started at Eugene, Oregon, with a capital stock of \$25,000. The incorporators are O. H. Skotheim, Webster L. Kincaid, John Baird and P. Augustus Peterson.

Keep These Dates Open

American Association of Nurserymen—Thirty-sixth annual meeting at Southern Hotel, St. Louis, Mo., June 14-16, 1911. John Hall, Secy., Rochester, N. Y.

Pacific Nurserymen's Association—Ninth annual meeting at St. James Hotel, San Jose, Cal., June 21-24, 1911. C. A. Tonneson, Secy., Tacoma, Wash.

Western Nurserymen's Association—Twenty-second annual meeting at Coates House, Kansas City, Mo., Dec. 13-14, 1911. E. J. Holman, Secy., Leavenworth, Kan.

Southern Nurserymen's Association—Thirteenth annual meeting at Greensboro, N. C., August 23-25, 1911. A. I. Smith, Secy., Knoxville, Tenn.

The nurseryman cannot invest five dollars to better advantage than to use it in securing membership in the American Association of Nurserymen. Prompt action now will enable one to get in line in time to attend the Annual Convention in St. Louis, June 14-16 and obtain information worth many times that amount.

FRUIT TREE STOCKS

Shipments of 160 Millions

of Trees Annually

J. HEINS' SONS,
Halstenbek, No. 154
(Germany)

Write for Price List and Forest Planter's Guide to our American Agent Otto Heinecken, Box 284, Hoboken, N. J.

Minnesota Uses Much Nursery Stock

By J. H. Ludlow, Worthington, Minn.

THE FRUIT-GROWING problem is no longer an experiment in Minnesota. Twenty years ago the Jewel Nursery company of Lake City paid me \$1,000 for a seedling apple raised here and called the Okobena, which has made good throughout this state and the Dakotas. Apple trees do remarkably well, beginning to bear three years after planting and bearing every year if properly cared for, of course, some years more bountiful than others. I have an orchard, put out thirty years ago, which is still in good condition, with forty-seven fruit-bearing trees covering half an acre and which bear an annual crop.

There were over 10,000 apple trees planted in this (Nobles) county last year and as soon as these begin bearing, apples will be shipped by the carload from this market. Our home-grown apples sell readily for \$2 a bushel, while Missouri apples bring only \$1 a bushel. I predict a great future for both corn and fruit-raising in this part of the state, especially apples, during the next ten years.

Big Apple Show Planned

If plans now under way are successfully carried out there will be in Denver next fall one of the biggest apple and land shows ever held in the country, to be held in connection with the Festival of Mountain and Plain. The intention is to hold the show under the direction of the American Apple congress, organized in Denver, last fall.

C. E. Brydges, nurseryman, died suddenly March 20, at his home in Los Angeles. He was born in England 76 years ago, and emigrated to Canada in his early manhood. For twenty-five years he has made a specialty of roses.



L. M. BROWN,
Secretary Washington Hort. Society

The International Preserving Company, of San Francisco, propose to place fresh fruits on the market the year around.

S. A. De Graaff, senior member of the firm of DeGraff Bros., Ltd., Leiden, Holland, died at that place April 25, age 71 years.

Want 2000 Members

Walla Walla, Wash.—Secretary L. M. Brown of the Washington State Horticultural Association has received from the press the printed reports of the seventh annual convention of the order. The report contains every speech, address and talk made before the convention, and all the questions, answers, hints and suggestions that were offered. As all questions pertaining to fruitgrowing were discussed fully, every phase was covered and the book is a valuable one.

"We are now ready to receive memberships for the association," says Secretary Brown, "and to everyone who sends his dollar membership fee the book will be sent. We are out for 2000 members this year. We have had applications from every part of the United States, one man sending from Virginia to become a member. While we may not have 2000 fruitgrowers at the Clarkston convention, we hope to have that many paid up memberships."

The committee on membership is composed of E. F. Benson of Tacoma, E. Remy of North Yakima, M. Horan of Wenatchee, A. F. Crowell of Spokane, and C. L. Whitney of Walla Walla.

M. H. Gaar has purchased a five acre tract of land southeast of Cambridge City, Indiana, on which he has set out 15,000 trees, making a total of 50,000 trees in his nursery.

Bonfires and smudge pots played an important part in Western States this spring in protecting orchards from the effects of late frosts.

Just say you saw it in "American Fruits."

GREATEST APPLE NURSERY IN THE WEST

We offer the trade a fine assortment of our famous Yakima Valley grown yearling grafts in Apple and Pear, for delivery season 1911-1912. See Mr. F. A. Wiggins, our vice-president, at the St. Louis Convention; badge number 255

**WASHINGTON NURSERY
COMPANY**

TOPPENISH, WASH.

PEACH SEED THE KIND THAT PRODUCE RESULTS

CROP OF 1910 READY FOR SHIPMENT

PRIME CONDITION

Gathered from the Mountainous Sections in Seedling Districts

Prices and Samples on Application

**J. VAN LINDLEY NURSERY CO.
POMONA, N. C.**

IT IS UP TO YOU If you have not gotten complete control of the dread **SAN JOSE SCALE**

WE KNOW THAT

"SCALECIDE"

will do it more effectively than Lime-Sulphur for less money and less labor—six years of proofs.

PRICES:—In barrels and half barrels, 50c. per gallon; 10 gallon cans, \$6.00; 5 gallon cans, \$3.25; 1 gallon cans, \$1.00.

Conclusive proofs in Booklets, "Orchard Dividends" and "Modern Methods of Harvesting, Grading and Packing Apples." Both free.

If you want cheap oils, our "CARBOLEINE" at 30c. per gallon is the equal of anything else.

B. G. PRATT CO., Mfg. Chemists, 50 Church St., New York City

Dynamite for Planting an Orchard

New Use In Delaware of Method Long Employed In West---DuPont Powder Company Joins Steel Magnate In Exciting Entertainment for Neighboring Farmers

DYNAMITE HELPED plant an orchard, pulled down trees, hoisted stumps and did a little practice work in spring plowing recently on the Tod Morden farm, Brookhaven and Rose Valley roads, near Wallingford.

What else dynamite might accomplish in the farm line was not exhibited, but its exponents said that it could do anything except curry horses and milk cows.

Dynamite at six cents a blow-up will stir more earth than a hired hand could in half a day, if the hand were a lazy one. The only difficulty lies in doing the stirring in a judicious manner.

The experiments were made on the farm which was purchased last spring by Charles T. Schoen, formerly head of the Pressed Steel Car Company, of Pittsburgh.

The farm consists of nearly four hundred acres. Last spring Mr. Schoen set out 1,000 apple trees. The work was long and tedious. When one has to dig 1,000 holes he is digging some.

Recently Mr. Schoen took his manager, Edward Palmer aside, and stated that he wanted to plant a thousand more apple trees or perhaps a thousand more than that. He wanted the work done quickly. He wanted the trees in this spring. Mr. Pal-

mer has managed the Tod Morden farm for twenty-one years. He never before heard of such a hurry. He is an up-to-date farmer, however, and replied, "Dynamite will do the trick."

Mr. Schoen was tickled over the idea and so was the DuPont Powder Company. They volunteered to furnish experts for the work as they wanted to show everyone what a little helping hand to the farmer a few sticks of explosives, nicely placed, would be.

Neighbors Get Pointers

Col. George F. Hamlin, of DuPont's, with five able young assistants, appeared on the farm. Just as a test they blew up a stump. Then several more followed. The explosions were heard all about Delaware county. The countryside traced the noise to the Tod Morden farm. They knew that Mr. Schoen was showing new wrinkles in tilling the soil. The farmer who farms to spend money cranked up his auto, and the farmer who farms to make money hitched up Dobbin and started for Schoen property.

The field was being drilled for the trees at this time. Wherever a tree was to be placed Mr. Palmer ran a thin round stick into the ground to the depth of two feet. After he had given a start the young dynamiters followed and set off the dynamite sticks which were dropped into the holes. They were agile young men and kept three holes in front of the explosions. If one should have fallen down and the hole had caught up with him no one knows what would have happened.

The experts say that no other harmful effects than digging dirt out of their hair would occur. The concussion of each dynamite stick blew the earth high in the air and loosened it for several feet under ground. It is said that the earth is shaken up far around the hole.

The dynamiters worked with amazing speed. The tree planters, with their spades, could not follow them, although stops were made by the explosion men to remove a tree or a stump. Most of the stumps were simply toppled out of their places, roots and all. One mistake was made. DuPont's men were not farmers and did not know a rotted stump when they came across it. They placed a big charge in the hole they drilled in the stump and set it off. Kindling wood rained down all over the farm while the dynamiters looked on in amazement.

There was a cherry tree in the road of the orchard. It was a perfectly good tree, but a little old. Just the same it was full of buds and was doing its best to make good. Sixty-five cents' worth of dynamite uprooted it and left it riven on the ground.

No Novelty in West

Among the farmers, amateur and otherwise, who watched the experiments, were Mr. Atwater, of Lima; James E. Miller, of Palmyra; Corners; Joel Hollingsworth and M. J. of Rose Valley; Walter S. Bickel, of H. Palmer, Ernest Pike, Richard D. Burton and Thomas Mocre, all of Delaware county. They were interested in the tests, but were not ready to give an opinion of their worth. The backward and uncultured West has been farm-

ing with dynamite for some time, but the East is slow to take it up.

The orchard is being planted in Grimes Golden and Stayman's Wine Sap apples. The latter variety is the kind one purchases two for a quarter in the best fruit stands during the winter.

Mr. Schoen is dynamiting all about his new property. He doing certain kinds of terrace work with it. He has erected homes for his sons-in-law and built other mansions.

He took an old mill in Rose Valley which is said to bear a "hoodoo," and chased the evil spirit with explosives. He then remodeled it for the manufacture of steel-encased hose that he is interested in.

After work was over, the DuPont experts explained to the farmer the benefit of dynamite. It was labor saver, a money saver and it rushed orchards along a year in advance because the soil was loosened, grubs, slugs and all other earthly parasites were either scared to death or blown to pieces. It drained the land about the trees, keeping moisture in dry weather and running water off in wet weather. It worked both ways.

Grape Roots That Grow

Increase in Acreage and Varieties
We make a specialty of growing Grape Roots. Making strong grades and prompt shipments. We have heavy stock for Nurserymen's retail trade. Light stock and cuttings for nursery row. Write for special prices. Correspondence and inspection of stock invited. We are growing a large lot of Currants and Gooseberries.

FOSTER & GRIFFITH, Fredonia, N.Y.

Just any you saw it in AMERICAN FRUITS.

WE OFFER

For the Fall Trade of 1911 Grape Vines, Currants and Gooseberries in all grades. Also Grape and Currant Cuttings and light grade of Vines for lining out in Nursery Rows

Write for Prices

F. E. Schifferli,
Fredonia, N. Y.

PEACH SEED

Our seed have been giving satisfaction to all customers in the past, and **WE SOLICIT YOUR TRADE**
Send for samples and prices.

Virginia Natural Peach Seed Co.
Fourth Ave., and Clinton St.,
BALTIMORE MD.



The United States Nursery Co.

Roseacres, Coahoma County, Miss.

Kansas City Nurseries

GEO. H. JOHNSTON, Prop.

Successor to Blair & Kaufman

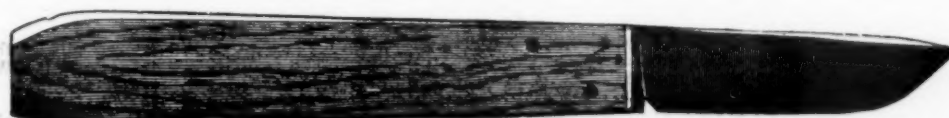
Reliance Building, Kansas City, Mo.

OFFER for FALL 1911—large stock of Carolina Poplars, Catalpa Seedlings, Cal. Privet, Concord Grapes, Currants, Asparagus, and a full line of Ornamental Shrubs, Paeonies, etc.

CATALPA SPECIOSA

Several thousand extra fine trees, 2 inches caliper.

W. B. COLE, Painesville, Ohio.



BUDDING KNIFE No. 94. Sample by mail, 6 for \$1.25.

Hand Forged.

Razor Steel.

Warranted.



PROPAGATING KNIFE No. 89—50c. Blade Closes. You have paid 75c for a much poorer knife.
92 Adams Street MAHER & GROSH CO.

NURSERYMEN'S KNIVES
Nursery Pruner - 50 cts.
Pocket Pruner - 60 cts.
Pocket Budder - 35 cts.
Pocket Graftor - 40 cts.
WE SOLICIT DIRECT TRADE

Send for 12-Page Special
Nursery Catalogue.
Toledo, Ohio

THE PLANTINGS OF THIS SEASON

Heaviest Planting in History of Salt Lake County, Utah--Total of 99,964 Trees--31,275 Nursery Trees Inspected

Salt Lake City, Utah.—The heaviest planting ever done in Salt Lake county in a single spring was done this year, according to the monthly report of J. C. Stay, county horticultural inspector. A total of 99,964 trees were planted, averaging 100 trees to the acre or 999 16-25 acres planted. The planting was as follows: Apple trees, 56,668; peach, 20,250; pear, 12,643; sweet cherries, 2707; sour cherries, 15,731; plums and prunes, 2182; apricots, 428, and about twenty acres of small fruit.

During the month there have been 31,275 nursery trees inspected and 1820 destroyed on account of root diseases. There were 217 orchards visited and the owners instructed in regard to pruning and spraying and in some instances demonstrations given. Sixteen boxes and bales of trees were placed under quarantine at the depots to be inspected on delivery. The per cent. of fruit is as follows: Peaches, 20 per cent.; cherries, 25 per cent.; apples, 70 per cent.; pears, 50 per cent.; apricots, 5 per cent.; plums, 85 per cent.; strawberries, 75 per cent.; raspberries, 100 per cent.; gooseberries, 100 per cent.; currants, 100 per cent.

Set 60,000 Apple Trees

San Bernardino.—Sixty thousand apple trees have been planted in the Oak Glen and the Yucaipa valley apple growing section in the past month. They are said to be in excellent condition.

One consignment of trees was condemned by Horticulture Commissioner S. A. Peas, because it contained a slight infection of red scale, and was sent back. A new infection of red scale recently broke out, but this now is in control, the commission having set about a rigid fumigation. According to the report of the county horticultural commission, \$5,115.71 was received during the month for fumigation work carried on by the commissioner, while the total expense for the period was about \$871.80.

50,000 Trees Inspected

Beaumont, Cal.—Horticultural Inspector Wilson gives the following list of trees inspected in the Beaumont district from December 6, 1910, to March 20, 1911:

Apples, 33,350; cherries, 10,200; pears, 2600; peach, 2000; almond, 600; total, 48,750.

There are at least 1500 to 2000 miscellaneous trees planted that are not included in the above enumeration. Adding this year's planting to the already large acreage, makes Beaumont one vast orchard.

Apples, as usual, lead the list by over 30,000 trees. Ten thousand cherry trees speak well for the reputation of that rare and delicious fruit. Beaumont cherries, like Beaumont apples, have a reputation that is far reaching, and the supply is in no case commensurate with the demand. Where Beaumont apples sell at a splendid profit at three cents in the orchards, the cherries have sold for ten cents and the supply was inadequate to meet the demands from Los Angeles dealers, to say nothing of the demands from Eastern cities. It is believed that ten times our present acreage would find a ready local market.

No large orchards have been planted. These trees have been spread over tracts of two, three, five, ten and fifteen acres each, and represent in the aggregate perhaps fifty or sixty orchards.

8,000 in Two Lots

Garfield, Wash.—George F. Stivers received two shipments of 4,000 trees each, which he set out in two orchards near this point this spring.

Million and a Half Satsuma Trees Planted in Gulf Coast Country, Occupying 12,000 Acres--Fig Industry is Booming Too

Galveston, Tex.—It is conservatively estimated that a total of 12,000 acres, requiring 1,500,000 trees in the planting, was set to satsuma oranges in the Gulf coast country during the last season. A truly remarkable record for the infant industry, but merely a beginning for the thousands of acres of orange trees that will thickly spangle with brilliantly yellow fruit in later years this world's supply house of the future.

In this connection it is interesting to note that the fig industry is also enjoying increased esteem in the good graces of the orchard men. The fig industry antedated orange culture on a commercial scale in Texas by many years. Previous to last season about 10,000 acres approximately had been planted in the Gulf coast territory to various varieties of this popular fruit; and this was increased to an approximate 25,000 acres by last season's planting activity, requiring about 4,825,000 trees to set this enormous acreage.

All commercial orchards now being set out are planted to the Magnolia fig, it being found that the thin skin of this variety makes it much preferable to the Smyrna and other favorites for preserving.

Nursery Stock for 750 Acres

Houston, Tex.—One of the largest orchard development enterprises now in course of consummation is that of the Houston Orchards company, which will plant about 1000 acres of their 6500-acre tract near Webster to oranges and figs this year, in the proportion of about five acres in oranges to each acre of figs. Of this acreage about 250 acres have already been planted and the remainder will be set during next fall's planting season. Preparations for next fall's development is now under way on their tract and arrangements for the nursery stock have already been completed.

13,000 Cherry Tree Orchard

East Liverpool, O.—On the side hill at the eastern extremity of the city of Chester, W. Va., across the river from this city, C. A. Smith is destined to have the most extensive single peach orchard in this part of the country. It will contain 13,000 trees, representing the product of the most celebrated nurseries of America, and the planing is being carried out in accordance with approved horticultural methods.

For Edendale Tracts

Harvey, Wash.—Teams hauling 10,000 fruit trees passed through here recently, en route for the Edendale tracts near Gifford.

James Robson is setting out 7000 apple trees on Dr. Graham's ranch near Clark's ferry. The doctor has 160 acres in winter apples.

Iowa Trees in Montana

Kalispell, Mont.—Extensive additions are being made to orchards throughout the country and many new ones were planted this spring. The AMERICAN FRUITS representative found H. W. Dickey ready to plant 1,600 crab apple trees on his farm two miles west of the city, and J. T. Hartt engaged in putting in 5,000 crabs of the Transcendent variety, converting his extensive grain fields into a young orchard. Senator Fred Whiteside was adding a great number of new trees to his several orchards, mostly of the McIntosh variety, in the production of which he has acquired considerable fame.

Most of the new trees came from the west, but one carload from an Iowa firm was delivered.

Six Hundred Acres of New Orchard in Espanola Valley, New Mexico--Irrigation There Before Santa Fe Was Founded

Albuquerque, N. M.—Six hundred acres of new orchard are being planted in the Espanola valley in the northern Rio Grande country, (according to W. B. Shea, traveling freight and passenger agent of the Denver & Rio Grande railroad with headquarters in Santa Fe, who was in the city recently. Espanola has always been regarded as one of the "far back" districts and the fact that the fruit industry has shown a big awakening there is significant. Smudge pots are being used successfully, there has been no killing frost there and a big crop is expected. W. P. Metcalf of this city, who has a ranch at Tesuque, north of Santa Fe, says that the smudge practice has invaded that ancient valley, but reports the peculiar fact that the fruit buds have not come out yet. Many sales of land are reported around Espanola, and eastern farmers and orchardists are coming in. Irrigation was practiced in the Espanola valley, it is said, before Santa Fe was founded and ancient hereditary water rights have prevailed for scores of years without the entry of many new growers. Apparently things are changing in what will become one of the finest fruit sections of New Mexico.

Maryland Development

Cumberland, Md.—A new and extensive development of land for the growing of apples has been undertaken at Green Ridge, Md., by Messrs. F. Merten's Sons, of Cumberland.

The proposition involves the development of 22,000 acres, the property being located in the Green Ridge valley, with shipping facilities afforded by the Western Maryland and Baltimore and Ohio Railroads and the Chesapeake and Ohio canal.

The land is being divided into ten-acre tracts, which is sold with five acres planted and is turned over to the purchaser a guaranteed bearing orchard in five years. It is proposed to build a \$2,000,000 system of roads and every orchard will border on one of these roads.

This section has been pronounced by experts to be the finest apple growing land in the country; \$1,000,000 has already been spent on the property and the high standing and wealth of Messrs. Mertens assures the success of the undertaking.

300 Acre Planting Done

Houston, Tex.—The 300-acre orchard now being developed by the Federal Land and Investment Company is a noteworthy enterprise, not only on account of the fact that the planting of the entire tract has just been completed, but it is also significant on account of the high class character of the work being done there. The stock selected was of the choicest of the Alvin-Japanese Company, and the planting was executed with extreme care. Windbreaks will be provided for each of the smaller subdivisions and every care taken to provide for the permanency of the orchards there. It is the plan of this company to market the tract as developed orchards under the guaranteed orchard method of sale.

Five hundred acres will be planted entirely to Satsuma oranges by the Western Land Corporation this fall.

100,000 Near Pueblo

Pueblo, Colo.—More than 100,000 young fruit trees were planted in Pueblo county during the present season and fully as many more, it is believed, will be set out before warm weather.

Of this number, 14,000 were planted in one orchard, in the vicinity of Wilson on the Pueblo-Rocky Ford Land company's tract. Apples and cherries make up the greater number of trees planted.

FOR COMMERCIAL HORTICULTURE

Great Rush for Nursery Stock at Michigan Points--Orchardists Waited an Entire Day for Turn at Car Door--Deliveries

Grant, Mich.—Words almost are inadequate to tell of the great changes being made in this section of the fruit belt in transforming hundreds of farms which heretofore have yielded grain into some of the best fruit farms in the state.

An AMERICAN FRUITS representative learned that one nursery company recently sent to this point a car containing 10,000 peach trees and 4,000 apple trees which were set out at once. Chester Love, new owner of the 600-acre farm recently purchased from the late David P. Clay, has 1,000 trees and will plant more.

Another nursery disposed of a carload of nursery stock here. All fruit vines and shrubbery are looking the best seen for many years and a bumper crop of apples and peaches is looked for.

The rush at the cars when trees were being unloaded was such that many farmers were detained in town the entire day awaiting their turn at the car door. It was a common sight to see fruit trees "heeled in" at nearly every farm passed on the road in either direction from this village.

Quite the Fashion

Boyer, Mich.—The matter of fruit raising is becoming of much importance in this county. There is hardly a day passes but what some one either buys a farm for the purpose of setting out a large orchard thereon, or else some one that already owns the land becomes so convinced of the great future that is in store in this part of the country, for fruit, that he immediately gets busy and orders anywhere from a few hundred to several thousand fruit trees. In fact, it is becoming quite the fashion for a man to remark in an off hand way, when asked what he is doing now-a-days, "Oh, I'm just setting out a couple of thousand fruit trees out here on my farm."

Upper Michigan Plantings

Menominee, Mich.—One hundred thousand fruit trees will be planted in Menominee county this year. C. I. Cook, of Pine Hill farm, is putting in 4,000 apple trees and 1,000 cherry trees and expects to have about 100 acres of new orchard.

Many other upper peninsula counties are also planting fruit trees in great quantities and in a few years it is expected that the upper peninsula will rival the famous fruit belt of lower Michigan. Magnus Nelson of this city is regarded the prize orchard man of the upper peninsula.

By Wisconsin Capitalists

Cottage Grove, Ore.—The Milwaukee Orchard company, composed of Wisconsin capitalists, has just completed planting 300 acres of land in the Lorane Valley, 10 miles west of Cottage Grove, and will plant the balance of 1000 acres as early next fall as is possible. During the summer this land will be cleared. The company has sold nearly the entire tract, planted and to be planted, and is now negotiating for 500 acres additional.

At Grover Wis.

Marinette, Wis.—The largest planting of apple and cherry trees that has been noted in Grover for a number of years, was done this season. Mr. Allie of Grover, distributed the orders for fruit trees filled with J. E. French, a Marquette representative of a nursery company, and some of the orders for trees will result in the largest orchards in this vicinity.

13,000 Trees at Sundale

Roosevelt, Wash.—J. R. Shepard, superintendent of the Sundale Orchard company, has set out 13,000 trees this season.

Contracts to Nurseries for Eastern Washington and Idaho This Season--Kennebec Nursery Sold 1,000,000 Trees

Spokane, Wash.—Contracts were awarded to nurseries to set out 2,000,000 apple and other fruit trees in eastern Washington and north and central Idaho this season. Of these more than 400,000 were planted in Spokane County, which already has 1,500,000 growing trees. One nursery at Kennebec, Wash., had orders for 1,000,000 trees. Fifty thousand trees were planted near Lewiston, Idaho, while twenty miles north of McArthur, Idaho, 1,500 acres were prepared for apple culture.

It is expected that not less than 2,000,000 acres of logged off lands in eastern Washington and Oregon, northern Idaho and western Montana will be cleared during the next five years and devoted to general farming, dairying and orchards.

In the Bitter Root

Hamilton, Mont.—Charles Dallman has been here in the interest of his nursery at Missoula. He has been visiting points all along the valley. He reports the apple-tree business as being good, and, while the number of trees planted in the valley this season will be below that of last year, Mr. Dallman declares that the orchard acreage of the Bitter Root will be very materially increased this season.

One reason for the falling off in the number of trees planted can be accredited to the fact that the large concerns of the valley planted enormous tracts last season. The smaller growers are as active this season as last, according to Mr. Dallman. He declares that the fruit crop outlook throughout the valley is unusually bright.

Lively Distributing Point

Grand Rapids, Mich.—Nursery stock by the carload was delivered from this point this season in quantities that show unusual activity in commercial fruit growing.

The largest demand this season is for apple trees, with large orders from all parts of western Michigan. Cherries are next in demand with the Grand Traverse region taking the largest number. Peaches are not in as good demand as in former years, the ravages of yellows and other pests having had a discouraging effect on growers. There is a moderate demand for plums and some pears are called for. The small fruits, currants, gooseberries, raspberries and blackberries, are in good demand with no particular district leading.

Planting in Terra Bella

Terra Bella, Cal.—In the first week of April 150,000 orange trees arrived here for the Terra Bella country. The stock is from the southern part of the state.

Also 40,000 nursery stock arrived here for planting out for a year to subject the young stock to the changes of climate.

Within the past two months there have been received here trees sufficient in number to plant out 2,000 acres of land to Washington navels. About 2,500 acres mostly from ten to twenty acres each, will be put out.

At Elberton Washington

Elberton, Wash.—The AMERICAN FRUITS correspondent upon visiting this point learned that J. W. Berkstresser was setting out 20 acres in cherries, quinces and apples. A. L. Vantine was adding several acres to his apple orchard. C. N. Hinchliff was setting out 4000 blackberry vines; J. W. Berkstresser 1000; Mrs. B. C. McDaniel 1000; H. Gage 1000. William Curry, one acre in strawberries.

Nursery Trees Numbering 36,000 Were Shipped into Pomona, Cal. in Sixty Days Besides Other Stock--Many Ornamentals

Pomona, Cal.—During February and March the record of trees and shrubs shipped into this valley is phenomenally large. As regards the ornamental trees Inspector Vary states that 31,633 trees have been shipped into Pomona and only 10,673 shipped out, showing that the city is being beautified extensively.

Mr. Vary's report covers the city of Pomona, a part of Walnut and one nursery in Claremont. The totals for the months of February and March are as follows:

Shipped in: Deciduous fruits, 12,283; shrubs and vines, 6138; ornamentals, 31,633; citrus trees, 4128; roots and bulbs, 955.

Shipped out: Deciduous fruits, 1152; shrubs and vines, 5042; ornamentals, 10,673; citrus trees, 8782; eucalyptus, 127,100.

The figures do not include the shipments from the Rose farm on West First street, where hundreds of thousands of rose bushes are being shipped every season. It does include, however, the shipments of the Killian & Rice nurseries at Walnut, where from one to three carloads of the finest citrus stock in Southern California are being shipped. In speaking of these figures Mr. Vary said:

"The shipments in Pomona are greater than those of any other city in Southern California of this size and the greatest from any point in the county except Los Angeles. The increase in shipments has been most wonderful since I took charge of this work, and if it continues to increase we will soon need more help to make the inspections. It shows that Pomona's growth is most rapid, and it is particularly encouraging to note how many ornamental trees are being planted."

Planting in Colorado

Pueblo, Colo.—The people of the Arkansas valley are rapidly learning that this is a fruit valley. Last year we produced 25 per cent of the apples of this state, and this state produces more apples than did Washington, Oregon, Idaho and Utah combined. A nursery salesman is authority for the statement that not less than 150,000 additional apple and cherry trees will be planted in the valley this spring, and another year will more than see the number doubled.

Propagating Persian Grapes

Brawley, Cal.—F. L. Housmann, viticulturist of the Bureau of Plant Industry, Department of Agriculture, at the new experiment plot, has set out cuttings of 210 varieties. Particular attention is to be paid to several varieties of Persian grapes which Mr. Housmann is confident will prove especially adapted to conditions here, and which are highly profitable for shipping as table grapes. He believes that ultimately Imperial Valley will develop as one of the best early grape districts of the United States, but that much time has been lost here because of the planting of any variety of vines obtainable, without regard to their shipping qualities, etc.

Planted Pear Trees

Condon, Ore.—C. A. Case planted 50,000 pear tree stocks for grafting purposes this season; also 2,500 nursery trees for pear orchard.

Set Orchards Near Harvey

Harvey, Wash.—About 50,000 fruit trees were planted in this vicinity during the spring. Several new tracts of 10 to 80 acres will be planted.

AMERICAN FRUITS

An International Nursery and Fruit Trade Journal, circulating throughout the United States and Canada and in foreign countries.

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RALPH T. OLCOTT, Manager

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ROCHESTER, N. Y., JUNE, 1911

WHAT THIS MAGAZINE STANDS FOR.

Clean chronicling of commercial news of the Nursery and Fruit Trade. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

RECORD OF AMERICAN FRUITS

The orchards in this country contain more than 200,000,000 apple trees, 100,000,000 peach and nectarine trees, 30,000,000 plum and prune trees, 18,000,000 pear trees, 12,000,000 cherry trees and 10,000,000 trees of other species. These gave us about 200,000,000 bushels of fruit, which was worth \$85,000,000 in 1900.

Exports of fruit in 1901 were worth \$8,279,213. Last year they were worth \$23,023,586, an increase of 180 per cent. in nine years.

Berries to the amount of 600,000,000 or 700,000,000 bushels are consumed by the American public every year.

The United States sent \$1,847,000 worth of dried apples abroad in 1910.

Americans bought \$6,847,000 worth of bananas in 1901, and nearly twice as much in 1910.

THE AMERICAN ASSOCIATION

Membership in the American Association of Nurserymen is an asset in the business of the nurserymen who will study the proceedings; attend the conventions and take part in the discussions of practical trade topics. Write to Secretary John Hall, Granite building, Rochester, N. Y., today, if you are not a member.

INDEPENDENT AND FEARLESS

AMERICAN FRUITS is not the official journal of any organization. It therefore makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only publication of the kind.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every corner of the Continent.

It represents, as its name implies, the Fruits of American industry in one of the greatest callings.—Commercial Horticulture in all its phases of Nursery Stock, Orchard Planting and Distribution.

A Strange Attitude

Every question has two sides. While it is important that the spread of destructive insects, or disease among plants and trees should be prevented, measures therefore should not be so extreme as to paralyze a great business, and throttle development of the fruit industry just at a time when the rejuvenation of that industry needs every encouragement.

It is a strange situation that exists. The National Nurseryman, official journal of the American Association of Nurserymen, heartily endorses the Simmons bill in Congress for the quarantining of nursery stock, in the face of the urgent efforts of the legislative committee of the American Association to oppose the enactment of that bill.

In spite of the fact that the leading nurserymen of the country, after a thorough consideration of all the features of a proposed national inspection law, and after procuring legal interpretation of the provisions of such a measure with regard to state and interstate commerce, have unqualifiedly declared against that kind of legislation, the official journal of the American Association editorially advocates the passage of such a bill.

With all due deference to the editor of the National Nurseryman, let it be observed that he is by training, thoroughly in sympathy with that movement which for years has worked toward building up of theoretical ideas, many of which have been proven impracticable and all of which have more or less hampered the development of a business which is at the very foundation of the fruit industry. He is an agricultural college professor, not a business man. And it is with business interests that a trade journal should concern itself first. Theories and conjecture, and above all, extreme measures that may be detrimental to a great business should be subordinate.

An official journal of all publications, should be practical. We doubt the advisability of an official journal that is not wholly controlled by the organization it represents. An "official journal" that is not controlled by the directors, or executive committee of the organization it represents is very likely to misrepresent that organization.

AMERICAN FRUITS is not an official journal of any organization. It is the only absolutely independent nursery trade publication in the world; yet it has steadily and consistently advanced the interests of the American Association of Nurserymen, and the interests of the state and district nursery associations, because all those associations are conducted for the welfare of the nursery business. And the welfare of the nursery business is of prime importance to the welfare of the fruit and landscape business of the country.

Should occasion arise for criticism of the action of any organization, nursery, horticultural or scientific, AMERICAN FRUITS will be in a position to speak out in the interest of those who may be adversely affected, because it is not the "official journal" of any organization.

AMERICAN FRUITS is absolutely independent. What it says editorially is not influenced by its connection with any organization. That is why its influence is strong. That is why it stands for impartial judgment.

On the subject of Simmons bill, AMERICAN FRUITS stands for the interests of

the nurserymen and the fruit growers. Both should be protected without detriment to either.

In view of what is shown to be the condition, on another page of this issue, the American Association of Nurserymen at its convention in St. Louis should pass a resolution clearly establishing its position on the Simmons bill. And nursery associations and horticultural societies generally should at once take similar action.

American Pomological

Fruit growers throughout the country, but more especially the citrus growers and producers of subtropical fruits will be interested in knowing that the volume containing the proceedings of the American Pomological Society meeting held at Tampa, Florida, last February has just come from the press. Secretary John Craig of Ithaca, New York, writes that it forms an index book of over 300 pages. He further states that the information contained within its covers is contributed by experts and specialists in their particular fields.

This volume is valuable on a three-fold account. It contains the fullest presentation of methods of handling, transporting, and marketing citrus fruits to be found anywhere; it contains an important symposium on the status of pecan culture in the Gulf region; orchard heating is one of the topics which is a live issue today, and this is discussed in the light of the most recent advances. In addition to these subjects, orchard management forms another important chapter. The history, classification, and propagation of the mango by Professor Rolfs of the Florida Experiment Station, is the most important contribution on mango culture thus far published. The Japanese persimmon, its propagation, culture, and a method of processing the fruit so that the astringency is removed, forms an interesting chapter by Professor H. Harold Hume of Glen Saint Mary, Florida. Persons interested in these topics and desiring the publication should write to the Secretary of this national society.

Good Business Prospects

At the recent meeting of the National Association of Manufacturers in New York City, the toastmaster elicited a hearty endorsement in cheers by four hundred manufacturers, representing many millions of dollars invested when he said:

"The business world is still staggering under the blow that was dealt by the panic of 1907, but if the signs of the times mean anything they mean that the country is on the eve of the greatest business boom in its history."

E. H. Wilson, who has just returned from China, whither he went in the interests of the Arnold Arboretum, was tendered a dinner at the Parker House by his horticultural friends. Charles W. Parker, president of the Massachusetts Horticultural Society, presided, and Mr. Wilson gave an interesting account of his research work in the Orient.

A POINTER IN EVERY ITEM

There is a pointer for the progressive nurseryman in every item in AMERICAN FRUITS. Read every item in this issue and then decide whether you can afford to miss the regular perusal of AMERICAN FRUITS every month in the year. Your competitor is busy.

Would Greatly Injure the Nursery Business and Hamper Orchard Development Generally

National Bill to Quarantine Stock a Serious Menace to the Fruit Industry of America-- Inspection Advisable--Quarantine Destructive to Great Nursery Business and Costly for Orchardists Even to the Point of Prohibitive Planting--Nurserymen Are Surprised At the Endorsement of the Simmons Bill by the Official Journal of the American Association of Nurserymen, That Measure Being Directly Against Their Interests.

STRENUOUS measures are being taken by the United States Bureau of Entomology to procure the enactment of the Simmons bill in Congress, the substance of which is presented herewith.

This is a matter of the greatest importance to the nursery and fruit interests of the country.

Twenty years ago leading members of the American Association of Nurserymen thought it might be advisable to have a national inspection law with a view to securing uniformity of procedure. This question came up at various times at conventions of the Association, but was not settled so far as the representative nurserymen of the country were concerned, until the convention at West Baden Springs. At that meeting all agreed with the opinion that had been held for some time by Irving Rouse, William Pitkin and others that a federal inspection law would only complicate matters for the nurserymen and would be of particular benefit to no one. This conclusion was unanimously arrived at after legal advice had been obtained from several sources as to the working of such a law.

How Federal Bill Would Work

It was found that under the interstate commerce law shipments of nursery stock would be subject to the proposed federal law up to such time as they should arrive at destination; and that immediately there after they would be subject to the inspection of the state laws in the state in which they then were; thus entailing double inspection with all the delays and extra cost which such action would imply. Since then nurserymen have been directly opposed to a federal inspection bill.

The consideration of a federal inspection bill by the nurserymen at that time did not include the question of quarantine; for with the exception of California no state had considered that question. California's case had to do with the early introduction of the San Jose scale. If what the entomologists said at that time was bound to follow, there would not be a living thing in the country on account of the San Jose scale, at this time. Such statements have now been proved to have been wildly extravagant; just as will similar statements made at the present day be proved to be at a later date.

Inspection--Not Quarantine

We make no argument against the advisability of inspection. But there should be no unnecessary hampering of business interests, through a double inspection under federal and state laws; and above all, there should be no federal quarantine law that would paralyze the importation of immense quantities of French stocks and seeds that are an absolute necessity if the fruit industry is to progress on the lines that experience shows are necessary to meet the demand of the country.

FEDERAL NURSERY INSPECTION BILL.

Representative James S. Simmons of Niagara Falls, N. Y., has introduced in Congress a bill "to regulate the importation and interstate transportation of nursery stock, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movement of fruits, plants and vegetables therefrom, and for other purposes."

This bill forbids anyone to import or offer for entry into the United States from any foreign country any nursery stock unless and until a permit shall have been issued therefor by the Secretary of Agriculture, unless such nursery stock shall be accompanied by a certificate of inspection from the proper official of the country from which the importation is made to the effect that the stock has been inspected and found free from injurious plant diseases and insect pests.

Section 7 authorizes the Secretary of Agriculture and directs him to quarantine any state or territory of the District of Columbia, or any portion of them, when he shall determine that a dangerous plant, disease or insect infestation exists there, and to give notice of such quarantine to common carriers passing through such quarantined areas, and to publish in such newspapers in the infested areas as he may select notice of the establishment of quarantine, and it is forbidden to ship or offer for shipment goods from the quarantined areas into any other states or territories except in manner prescribed by the Secretary of Agriculture.

Nursery stock is defined as including field grown florists' stocks, trees, shrubs, plants, vines, cuttings, grafts, scions, buds, fruit pits or seeds of fruit and ornamental trees or shrubs.

Apple and peach are the only stocks grown in this country successfully, for nurserymen's use. Pear, quince, cherry and plum stocks are grown to such perfection in France that it is to that country that the nurserymen of Germany, Holland, Belgium, England, Scotland, Australia, America, and indeed all countries go for their supply. And apple stock is sought from France at double the cost of the American product, because of its superiority.

Effect on Orchardists

If, now, a federal quarantine law should shut out the French stocks, the cost of the nurseryman's supply would be increased to such an extent that plantings by orchardists would be curtailed and changes in extensive plans under the recent revival of orchard interests throughout the country would be such as to cause a setback, recovery from which might be long delayed.

L. O. Howard, chief of the U. S. Bureau of Entomology, and C. L. Marlatt, of that

Bureau, are enthusiastically advocating a federal quarantine bill. It is directly in their line of activity. Their activities do not lie in the growing of nursery stock nor in the planting of orchards. The chief of the Bureau is naturally desirous of doing all in his power to suppress injurious pests, and he does not propose to leave any stone unturned that might reflect on the vigor and watchfulness of his Bureau. Mr. Marlatt, we are informed, expects to become the head of the federal quarantine service that such a bill would create. These gentlemen may be so enthusiastic in the advocacy of this particular bill as to overlook the fact that its features may work an injury greater than the one they propose it shall prevent.

In view of what is here set forth, it is a matter of extraordinary note that on page 332 of the April, 1911, issue of the National Geographic Magazine, in an article on "Pests and Parasites," by Charles L. Marlatt, the following quotation is made:

"The main body of nurserymen have interests identical with the fruitgrowers, and are in favor of protective legislation, and the National Nurseryman, the principal organ of the nursery trade of this country, has taken positive stand in support of such legislation."

An Unofficial Journal

What can be said of a magazine that poses as the "official journal" of an Association and at the same time endorses and advocates a measure that is being opposed strenuously at the national capital, at the expense of the Association and with its sanction, by its authenticated representatives, the chairman of its Legislative Committee, William Pitkin, and others?

The American Association of Nurserymen has no need for an "official journal" of that character. It might much better be without an addendum which has proven to be useless than to be misrepresented in this way. When there is nothing to be gained by an attachment, it is not good policy to continue a demonstrated risk of such attachment.

Statement Not True

When Messrs. Howard and Marlatt say or imply that the main body of nurserymen are in favor of a national inspection and quarantine bill, they say or imply that which all well-informed nurserymen know is not true. Mr. Marlatt, in the article referred to, says that previous endeavors to secure the passage of such a bill have "been blocked very largely by a small body of importing nurserymen, who, careless of the consequences to the country at large, feared some slight check on freedom of their operations." This is manifestly not in accordance with the facts, when the previous endeavors referred to have been thwarted

Continued on page 104

Another Wakes Up To Michigan Opportunity

Hundreds of Thousands of Dollars Sent Out of State that Could Have Been Invested More Advantageously Right There---Lessons from Natural Apple Show --Where Michigan Excels

By George W. Briase, Grand Rapids, Mich.

HUNDREDS OF thousands of dollars have been sent away that would have yielded larger and surer returns here in Michigan and that would at the same time have helped to develop the state. There are men who think they see opportunities in Texas fruit lands who are missing golden chances right at their very doors in western Michigan. The Michigan Apple show will help to open their eyes.

Lesson from National Apple Show

I attended the national apple show at Spokane, Wash., a year ago last December and I was much impressed by the fine exhibit

F. DELAUNAY ANGERS, FRANCE SPECIALTIES

Fruit tree stocks as:

**Apple, Angers Quince,
Mazzard Cherry, Mahaleb
Myrobalan, Pear**

Forest tree seedlings and transplanted

Evergreens, Ornamental Shrubs, Manetti,
Multifore Roses

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California Privet, Buxus, Weeping Trees,
Catalpa Speciosa Seedlings,
Black Locust Seedlings, Fruit Tree Stocks,
Catalpa Speciosa Seed

Our stock is well grown and graded and
prices are such that it will pay you
to investigate. Come and
see us or write.

J. K. HENBY & SON
Greenfield, Ind.

of western fruit. The first three days I was there I was ready to sell off my Michigan farm and move to Washington at once. During the next three days my Michigan farm steadily rose in value in my eyes until it was worth three times as much to me when I came away from the Spokane show as when I went there.

The reason? Why, I made a few inquiries as to the proportion of apples raised in Washington that are merchantable. For several days I could get no answer to my questions in this regard. The growers all evaded the issue and declined to tell me. Finally, however, I got one grower to talk. I learned from him that only from 40 to 60 per cent. of their apples were merchantable. That showed me another side of the question.

Where Michigan Excels

Here in Michigan we can grow fine apples and only a very small proportion are not merchantable. When I found the situation in the west I was very well satisfied to remain in Michigan. We are handicapped in the matter of color, but the trimming of our orchards so as to let the sun strike the fruit will help to remedy that.

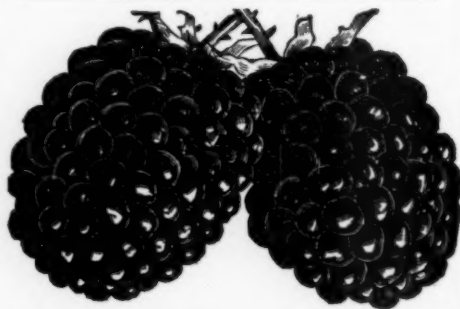
There is one thing needed for the good of the fruit industry in Michigan. It is a federal law making it compulsory that labels be placed on every package of apples showing the exact kind and grade of fruit contained therein. This law should further insist that all contents of the package be up to the mark of the label. I used to think that a reform in this regard could be brought about by educational means. Now I believe that a federal law for all the country is necessary.

Would Greatly Injure the Nursery Business

(Continued from page 103)

by the superior influence of the American Association of Nurserymen, with five hundred members, representing the interests not only of that number, but of all nurserymen of the country and of the horticulturists generally; for, it is well said by Mr. Marlatt that "the main body of nurserymen have interest identical with those of the fruit growers."

The Simmons bill will probably not come up for consideration by Congress until the next regular session. In the meantime Chairman Pitkin of the Legislative Committee of the American Association of Nurserymen, Mr. Irving Rouse and others will report on the subject at the St. Louis Convention; and it is probable that important action will be taken.



EVERYTHING IN SMALL
FRUIT PLANTS
ASK FOR PRICE LIST
W. N. Scarff, New Carlisle, O

Used Lake of Spray

Walla Walla, Wash.—Approximately 300,000 gallons of lime sulphur spray were pumped upon trees of the 100-acre Pomona orchard this spring, according to Dr. U. B. Schlitz, new apple king of the Touchet valley.

This spray was manufactured on the farm for the first time this year and it appears to have been effective. None of the apple buds were nipped in the recent cold snap, the doctor says, and indications are for a good yield.

About 1500 fillers have been removed from the big orchard this year.

W. T. HOOD & CO.

"OLD DOMINION NURSERIES"
RICHMOND, VA.

Offer for Fall Trade of 1911

Peach Trees, fine assortment

Pear Trees, 2 yr., unexcelled

Cherry, 2 yr., none better

California Privet, 1 yr., fine plants

Natural Peach Pits, crops 1909 and 1910

100,000 Peach Seedlings from beds for lining

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**THE LARGEST STOCK OF CRABS
IN THE COUNTRY THIS SEASON**

Let Us Price Your List. We Are Putting
Them Down Close to Cost

All Extra Smooth Stock Samples on Request

The Jewell Nursery Co.

Lake City, Minn.

Value of Commercial Orchard In Minnesota

By Prof. S. B. Green, Horticulturist, St. Anthony Park, Minn.

A FULLY matured commercial orchard in Minnesota in best condition, of improved varieties such as the Wealthy and Patten Greenings, should be worth \$1,500 an acre, if figured on the basis of returns. Such an orchard can be grown to maturity in fifteen years, but will be very profitable long before that time. I should say that the average net profit per acre from a fully matured first class apple orchard in Minnesota would be about \$200 and the maximum net profit per acre would be about \$450.

1000 Acre Vineyard

Escondido, Cal.—D. B. Gamble, of Cincinnati, one of the proprietors of the big soap concern, Proctor & Gamble, left his \$60,000 home in Arroyo Seco, Pasadena, recently to come to Escondido to inspect the new 1000-acre vineyard of muscatel grapes on Homeland Acres. He is financially interested in the vineyard syndicate, and has twenty-five acres of vines set apart for his own use. The vineyard was planted last year.

Mr. Gamble finds that while the cuttings on his acreage made an excellent showing the first year, the indications are that they will do much better this year, and he will be disappointed if he doesn't have some of the fruit of the vines on his table by September 15.

Mr. Gamble was accompanied by his brother-in-law, M. C. Armour of Chicago, Mrs. Armour and Miss Jewett.

E. J. Thompson and John Meulendyke who started the Riverside Nursery at Fulton New York, a year ago have dissolved partnership, Mr. Thompson selling his interest to his partner.

LITERATURE

E. H. FAVOR, associate editor of the Western Fruit Grower is the author of a little book entitled "The Fruit Growers Guide Book" which contains matter of interest to the beginner in commercial orcharding. There are chapters on orchard heating, thinning and harvesting, packing, spraying, pruning, profits and small fruits. The book is illustrated.

An attractive pamphlet is issued by J. Heins' Sons, Halstenbek, near Hamburg, Germany, illustrating scenes in the largest nursery in Germany. There are views showing more than a hundred employees, the seed-beds of large extent, fields of two year old silver firs, and Douglas firs protected from night-frost by reed mats, fields of Japan larches and yearling Banks pines, and the packing yards during export season. Nearly a thousand shipments are made in a year comprising 160,000,000 plants, 100,000 large baskets are required for packing purposes, a specialty is made of ornamental stock which is grown in immense quantities.

A notable series of books is that comprising the Young Farmers Practical Library, a direct outcome of the investigations of the Country Life Life Commission. These include "The Satisfaction of Country Life," "Health on the Farm," "Neighborhood Entertainments," "The Farm Mechanic," "Farm Machinery," "Electricity on the Farm," etc. New York: Sturgis & Walton Co.

Dr. Granville Lowther is the editor-in-chief of a publication entitled "Encyclopedia of Horticulture" to be issued soon by a corporation at Sunnyside, Washington, of which W. M. Fleming is the president.

New Indian Fruit Belt

Seymour, Ind.—The possibilities of this section of Indiana for profitable fruit growing continues to interest fruit growers from other parts of the country. The number of men who are investigating and investing with the intention of orchards, is on the increase. Jennings, Jackson and Lawrence counties are the center of the coming great fruit belt. The Bedford Mail says:

Fruit raisers, especially those from the north part of the state, are exhibiting a lively interest in Lawrence county land. Options have been secured on farm land in the southern part of the county and there are also indications that several farmers residing in that vicinity will give more attention to the culture of fruit, especially apples.

Established a Nursery

Houston, Tex.—At Chocolate Bayou, which will eventually be one of the most largely developed orchard regions of the entire Gulf Coast section, the company owning the 30,000 acres in the enterprise is now establishing its own nursery of 200 acres for providing orange and fig trees to be later planted on the subdivisions being marketed by them as developed orchard propositions. An incorporated organization of clerks in the Chicago postoffice is now arranging to plant the 600 acres recently purchased by them at Chocolate Bayou to oranges and figs.

The development plans of the Texas Chocolate Bayou lands, have not as yet been entirely completed. The company contemplates the planting of at least 1,000 acres of the property to orchards this fall, and the total planting to be undertaken by it may range far above that amount.

Red Apple Banquet

Missoula, Mont.—The Red Apple banquet was a marked success. Prominent horticulturists and state officials were present. At the banquet there was everything that looked like an apple, whether in disguise or not. The item on the menu which made a pronounced hit with the visitor was the oyster cocktails, encased in large, blushing McIntosh Reds, which had been ripened in the Montana sunshine.

DIRECTORY OF NURSERYMEN

Nearly 5000 names of nurserymen besides much other valuable information including all the laws for transportation of nursery stock in the United States and in Canada, lists of Associations, etc., in the "American Fruits" pocket directory of nurserymen.

"We have never appreciated the Directory in the right way until the last three weeks. It gives all the laws of the different states and all the addresses of officers for each state. We want one every year."—OZARK NURSERY COMPANY.

Sent postpaid on receipt of \$1.00. AMERICAN FRUITS PUBLISHING COMPANY, ROCHESTER, N. Y.

For Father, Son

Brother, Uncle,
Nephew or Grandpa

\$5 Safety Razor for Only 97c



Old Way New Way

All you need to do is to refer to this ad, enclosing ninety-seven cents, with your name and full address and the complete Grains Safety Outfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY

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NO MORE TROUBLE FROM PUNCTURES NAILS, Tacks, or Glass will not let the air out. A hundred thousand pairs sold last year.

DESCRIPTION: Made in all sizes. It is lively and easy riding, very durable and lined inside with a special quality of rubber, which never becomes porous and which closes up small punctures without allowing the air to escape. We have hundreds of letters from satisfied customers stating that their tires have only been pumped up once or twice in a whole season. They weigh no more than an ordinary tire, the puncture resisting qualities being given by several layers of thin, specially prepared fabric on the tread. The regular price of these tires is \$10.00 per pair, but for advertising purposes we are making a special factory price to the rider of only \$4.80 per pair. All orders shipped same day letter is received. We ship C. O. D. on approval. You do not pay a cent until you have examined and found them strictly as represented.

We will allow a cash discount of 5 per cent (thereby making the price \$4.55 per pair) if you send **FULL CASH** WITH ORDER and enclose this advertisement. You run no risk in sending us an order as the tires may be returned at **OUR** expense if for any reason they are not satisfactory on examination. We are perfectly reliable and money sent to us is as safe as in a bank. If you order a pair of these tires, you will find that they will ride easier, run faster, wear better, last longer and look finer than any tire you have ever used or seen at any price. We know that you will be so well pleased that when you want a bicycle you will give us your order. We want you to send us a trial order at once, hence this remarkable tire offer.

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L. MEAD CYCLE COMPANY, CHICAGO, ILL.

Apple Congress and Exposition for Denver

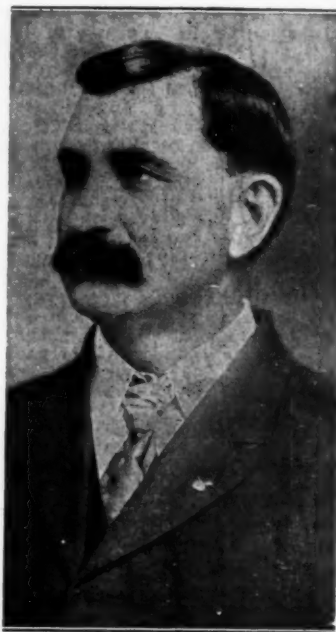
A plan is being worked upon that will bring the next session of The American Apple Congress to Denver to be held in connection with a National Apple Exposition. The dates most favored for the holding of this great combined feat is the week of Nov. 6 to 12. Under the proposed plan an exposition association will be organized with a capital of \$50,000. Both the Congress and the Exposition association are to be incorporated under the laws of the State of Colorado.

Invitations have been received by the Congress from several large cities to have the next meeting held with them. Almost all these have "backed up" when informed by the executive officers what sum of money will be required to bring them this meeting. Denver seems to be the only city that is willing to take hold of the proposition and see it through. One Apple Show, held in Denver, was an entire success. While there was a small loss, the benefits to the city and the apple industry were of untold value.

The exposition association will be organized by prominent Denver people and fruit growers. A contract will be entered into by the Apple Congress and the Exposition Association whereby mutual benefits will be derived and a most profitable arrangement perfected. The plan has the approval of all who have been consulted in the matter by Clinton L. Oliver, Secretary of the Congress, and the entire details will soon be made public.

The season has now arrived when the apple crop conditions are considered settled and the apple growers are anxious to demon-

strate what their various sections can produce. A show such as is proposed will be a wonderful drawing card for growers and dealers and as no show is more beautiful than an apple show, the attendance, in a city like Denver where one show has been held and the people got a taste of it, will be assured.



E. O. PAINTER,
Secy. Florida Horticultural Society

The Ben Davis—Fallen Idol

The Ben Davis, that cheat of the apple family, long ago has at last been measured for its true worth by its sole remaining supporters and defenders the Missourians, says the New York Sun: "They have stripped off its deceptive mask, dissected its juiceless fibre to the core and are going to pitch it over the orchard wall."

"There are probably 30,000,000 apple trees in Missouri," said W. L. Howard, professor of horticulture at the University of Missouri. "Of this number 75 per cent, are Ben Davis, or varieties equally poor in general qualities." Many of the orchards are of trees ten to twenty years old, and the growers have hesitated to uproot them and wait for a number of years for young orchards to come into bearing. But new systems of top grafting have been tried with success, and the department of horticulture has taken up the work of educating the orchardists in order to rid the State of the Ben Davis and "varieties equally poor" as quickly as possible. All the hope that remains for the Ben Davis is that it has the "merit of being a first class keeper and shipper," and for this reason there may be "an excuse for growing a small percentage of the variety."

"A fallen idol," "its days are numbered," comments the Kansas City Star. Who cares? The tasteless, juiceless, tough old fraud will have few mourners.

Orchardists in Western New York are optimistic over the outlook for fruit. They practically concur in the opinion that with no untoward development before harvest they will have another large cup of apples.

Florida Society Meets

At the annual meeting of the Florida Horticultural Society in Jacksonville last month topics connected with citrus fruits were discussed by leading members. Much practical information was given. Reports of officers and the committees were adopted. There was an excursion to the beach.

Miami was selected for the next place of meeting.

H. Harold Hume, of Glen Saint Mary, was unanimously re-elected as president; W. C. Temple, of Tampa, and H. B. Stevens, of DeLand were reelected first and second vice presidents, respectively, and E. B. Blackman, of Miami, was chosen third vice president, vice B. F. Chilton deceased.

E. O. Painter, of Jacksonville, who has so faithfully performed the duties of secretary, was again elected to that office and W. S. Hart, of Hawks Point, was unanimously re-elected as treasurer; P. H. Rolfs of Gainesville; E. S. Hubbard of Federal Point, and G. L. Taber of Glen Saint Mary, were again chosen as members of the executive committee.

Prof. Thornber's Change

Pullman.—Professor W. S. Thornber, head of the department of horticulture of the Washington State college, and perhaps the most widely known man in his profession in the Northwest, has accepted the position of horticulturist for the Lewiston Land and Water company and the Lewiston-Clarkston company. The position carries a salary of \$5,000 a year.

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The Round Table---In Common Council



One Cent Letter Postage

Editor AMERICAN FRUITS:

New and novel methods of prosecuting a campaign for the passage of a congressional measure are to be followed by officers of the National One Cent Letter Postage association at next fall's session of congress when a bill providing for the lowering of the rate on first class postage matter, including all letters, from two cents to one cent, will be introduced.

Some firms in the large cities of the country pay as high as \$40,000 and \$50,000 a year for first class postage. There is not a concern in the country which would not receive direct benefit from such a reform.

Last year the postoffice department realized a profit of about \$60,000,000 from the carrying of first class mail matter, most of which consisted of letters. At the existing rate business houses are paying \$1680 a ton to the government for carrying letters.

On an average of forty-two letters are carried to a pound, which makes the rate about 84 cents. This for short hauls, and city delivery as well as for long distance service. An enormous amount of first class mail matter never leaves the city where it originates and the profit is particularly large on this class.

George T. McIntosh Secy.
National One Cent Letter Postage Assoc.
Cleveland, Ohio May 3, 1911.

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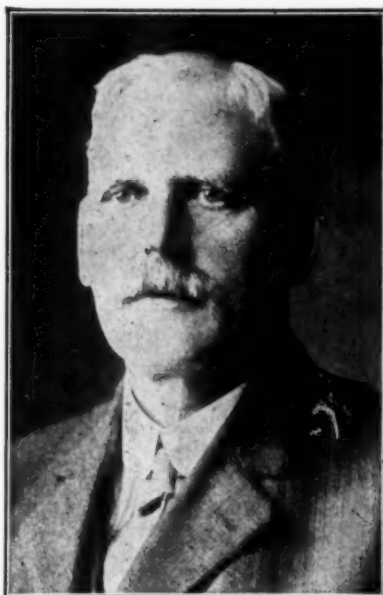
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GEORGE L. TABER,
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Conditions In Northwest

Editor AMERICAN FRUITS:

Business conditions in the northwest so far as the nursery trade is concerned seems to have a healthy tone. In general we believe that stock has cleaned up well, and that prospects are good for the coming year. In the standard grades and varieties everything has been sold. Heretofore there has been a surplus in the smaller grades, which may be true of this past season, but we find in our own business that we have been successful in closing out everything.

In most lines of business money seems to be a little tied up, yet in the nursery line collections have been very good and as yet no bad effects have been seen.

Fruit growers have prospects of an average crop throughout the northwest. In some places the crop will be fully up to the average while in others it will not exceed fifty per cent. We believe the peach crop throughout the northwest will not go over fifty per cent. We do not think this will prove a great draw back, as the better prices which are usually secure for a short crop will compensate for the shortage.

Milton Nursery Co.,

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25000 CUMBERLAND RASPBERRY

Fair stock of all kinds of small fruits.

W. B. COLE, Painesville, O.

Arkansas Fruit Prospects

Editor AMERICAN FRUITS:

There has been a very heavy bloom on apples the present spring, growers think the best in years. Danger of cold or frost is now over it is thought, and a good apple crop is practically assured. Most growers now spray their orchards. Many are each year joining the ranks of those who spray and follow the right methods. There are excellent prospects for grapes, blackberries, raspberries, and cherries. Plums, peaches, and pears, over the state were practically all killed by the freeze of March 15th. Till then there were good prospects for those fruits.

In Pike County, the "Diamond County," is the 2000 acre peach orchard of Bert Johnson and associates. It is reported that they will have a crop sufficient to ship three hundred cars of peaches, chiefly Elberta. They will also ship 300 to 400 cars of muskmelons. Large acreages in muskmelons are being planted at a number of points. Growers are already in the midst of strawberry shipping (for the State.) There is a difference of about one month between the season in Southern Arkansas, and the mountain region of the Northwestern part of the State. Strawberries are just beginning to ripen in Northwest Arkansas, April 25th. Regular picking will begin Monday May 1st.

Ernest Walker,
Arkansas Agricultural
Experiment Station.
Fayetteville, Arkansas, April 25, 1911.

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Cherry, one year, all leading varieties, strong on Sweets such as Bing, Lambert, Luelling and other Western sorts
Standard and Dwarf Pear, one and two year
150,000 Apple one year, strong on leading commercial sorts
10,000 Quince, one and two year
30,000 Plum, one and two year on Plum and Peach Roots
150,000 Peach, one year, all leading varieties
5,000 Norway Spruce 2 to 3 and 3 to 4 feet
Also general line of other stock. Personal inspection invited
Our Blocks of Cherry are among the largest in the country.
None better

Now is the time to figure **Fall 1911**
on your wants for

We are ready to quote lowest prices on Ornamental Trees, Shrubs, and Tree Seedlings for FALL DELIVERY, 1911. If in need of genuine *Catalpa Speciosa* or *Black Locust Seedlings*, write for prices. We have them in any quantity.

The Willadean Nurseries

Warsaw, Kentucky

French Nursery Stocks

Fruit Tree Seedlings and Ornamentals

Pear, Apple, Plum and Cherry and Angers Quince Cuttings grown for the American trade. Pear and Crab Apple Seeds. Most complete assortment of Ornamental Stocks, Trees and Shrubs. Orders solicited and booked now at low rates.

E. T. DICKINSON, Chatenay,
Seine, France

GEO. E. DICKINSON, 1 Broadway, New York

FRUIT SHIPPERS

Are Now Using

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ON CRATES

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Rochester Lithographing Co.

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Colored Plates

and
Printed Supplies

for Nurserymen

Grape Vines

We offer for Fall of 1911 delivery the Largest and Most complete stock of

GRAPE VINES

in strong grades for nurserymen's and dealers' trade

We also have an extra fine block of

PRESIDENT WILDER CURRANTS

which have made a strong growth

SEND LIST OF YOUR WANTS FOR PRICES

T. S. HUBBARD CO.

Established 1866

FREDONIA, N. Y.

Franklin Davis Nursery Co.,

BALTIMORE, MD.

We offer for FALL 1911,

APPLE—One and two year; heavy on York Imperial, Stayman's Wine sap, Blacktwig, Grimes Golden and other standard varieties.
PEAR—Standard—Kieffer, 2 and 3 year, and other leading kinds.
PEACH—Expect our Peach to be fine; we have a heavy stock and will book orders for several carloads now. Peach are bound to advance. We are heavy on Elberta, Carmen, Crawford's Late, Old Mixon Free, Stump, Beer's Snook, etc., etc.
ASPARAGUS—1 and 2 year; Palmetto, Barr's, Conover's, Giant.
CHERRY—2 year, leading varieties.
PRIVET—1 and 2 year, a fine lot of heavy No. 1 plants.
POPLARS—A fine lot of Carolina and Lombardy in all sizes, by the carload.
PLANES—A fine lot of Oriental Planes in all sizes.
CATALPA SPECIOSA—Several thousand at a low price.
ELMS, AMERICAN—Several hundred nice trees.
WALNUTS, JAPAN—In all sizes.
EXTRA LARGE BUSHY SHRUBS—Such as Altheas, Weigelas, Spireas, Deutzias, Snowballs, Judas, Hydrangea P. G.
EXTRA LARGE SUGAR MAPLES—Several hundred 3 to 3½ and 4 to 4½ inches, fine trees, with good heads and straight bodies.
We also have a general line of other stock. Send us YOUR WANT LIST.

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Journal of Commercial Horticulture

CIRCULATING among Nurserymen and Horticulturists in Every State in the Union, in Canada and abroad. Carrying the news from every section regarding the Planting, Cultivating, Harvesting and Marketing of Enormous Fruit Production.

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ROCHESTER, N. Y.

Your Opportunity To Buy Harrison's "QUALITY" Stock

APRIL 24, 1911

Following is a list of surplus trees, plants and shrubs unsold on the above date. This is all first-class stock of real "Harrison Quality"—clean and healthy, with good roots.

We have first-class shipping facilities and can forward orders promptly. We have a private siding running into our sheds on which we can load several cars at once. All roots are first carefully "puddled;" we pack in moss and straw, burlapping evergreens, crating strawberry and other small plants, and bundling or boxing trees. Carload orders are heavily packed and the doors sealed.

Give us a trial. This stock will please your trade and bring you more business.

STRAWBERRY. We Have Over Ten Million Plants

Per 1,000		Per 1,000		Per 1,000	
120,000	Aroma	200,000	Fendall	79,000	Nick Ohmer
30,000	Auto	2,456,600	Gandy	30,000	Norwood
52,000	Bederwood	188,000	Glen Mary	72,000	Oak's Early
10,000	Bismarck	400,000	Haverland	88,000	Oswego
52,000	Brandywine	30,000	Johnson's Early	5,000,000	Parson's Beauty
834,000	Bubach	2,280,000	Klondike	220,000	Sample
27,000	Chipman	120,000	Lady Thompson	118,000	Senator Dunlap
310,000	Crescent	23,000	Mark Hanna	240,000	Sharpless
440,000	Duncan	120,000	Mascot	120,000	Star
138,000	Early Hathaway	125,000	Millioraire	20,000	Stephens' Late Champion
54,000	Ekey	186,000	Michael's Early	75,000	Superior
68,000	Excelsior	42,000	New York	248,000	Tennessee
45,000	Fairdale Giant	54,000	New Home	330,000	Warfield

APPLE—two year

6-7 ft. 5-6 ft. 4-5 ft. 3-4 ft.					6-7 ft. 5-6 ft. 4-5 ft. 3-4 ft.				
1-	1 1/2-	2-	3-	4-	a	b	c	d	e
Ben Davis	1000	1000	1000	1000	Myrick	200			
Cooper's E. Market	150	150	100		Payne's L. Keeper	100	100		
Dominie	400	100			Porter	100	200	50	
Early Harvest	1000	1400	1200	150	Roman Stem	50	500	200	100
Gano	500	2000	2000	2000	Red Astrachan			1000	1000
Golden Beauty	1000				Salome			200	200
Lavender	50	100	50		Stark	1130	1100	1000	170
M. B. Twig	1000				Winesap	1000	5000	5000	5000
Missouri Pippin	200	400	100		Yellow Transparent	500	1000	1000	4000

a-1 in. b-1 1/2 in. c-3-5 in. d-1-2-5-8 in. e-3-8-1-2 in.

APPLE GRAFTS—one-year

3-4 ft. 2-3 ft.		3-4 ft. 2-3 ft.		3-4 ft. 2-3 ft.	
Ben Davis	1000 1000	R. I. Greening	2000 2000	Transcendent	4000 1000
Baldwin	50000 50000	Red Astrachan	1000 1000	Winesap	15000 5000
Ensee	500 500	Rome Beauty	4000 7000	York Imperial	10000
Gano	500 500	Stark	1000 1000	Yellow Transparent	2000 2000
N. W. Greening	5000 5000				

APPLE, one-year—budded

5-6 ft. 4-5 ft. 3-4 ft.				5-6 ft. 4-5 ft. 3-4 ft.				5-6 ft. 4-5 ft. 3-4 ft.			
5-8 in.	1-2 in.	3-8 in.		5-8 in.	1-2 in.	3-8 in.		5-8 in.	1-2 in.	3-8 in.	
A. G. Russett	100	100	200	Gollen Sweet	300	300	300	Porter	200	200	
Arkansas Black	100	100		Gano	2000	2000	1000	Pewaukee	250	250	
Belleflower	500	500		Hyslop	700	700	300	Romanite	200	200	
Ben Davis	8000	8000	8000	Ingram	250	250		Relfe	500	100	100
Baldwin	4000	4000	4000	Jeffries	400	400		Red Astrachan	3000	3000	3000
Chenango Strawberry	300	300	300	Kennard's	250	250		Red June	500	500	200
Coffelt	250	250		Late Raspberry	200	200		Rambo	400	400	200
Cooper's Early Market	400	400		Longfield	200	200		Rawles' Janet	300	300	100
Carthouse	300	300		Lavender	200	200		Smith Cider	200	400	
Duchess			3000	Limburtwig	300	300		Springdale	250	250	
Dominie	200	200	200	Lankford Seedling	100	100	100	Transcendent	300	300	300
Early Harvest	3000	3000	3000	Mann	500	500		Salome	200	200	200
Early Strawberry	200	200	200	McIntosh	2000	3000	2000	Stark	1000	1000	1000
Early Colton	200	200	100	Myrick	200	200	200	Tallman's Sweet	150	150	
Fourth of July	300	300	300	Northern Spy	1000			Wolf River	1000	1000	1000
Fannie	200	200	200	P. W. Sweet	300	300		Walbridge	200	200	
Fallawater	100	100	100	Payne's Late Keeper	250	250		Winesap	1000	1000	1000
Fall Pippin	300	200	200					Yellow Transparent	5000	5000	7000

SURPLUS LIST OF PEACH

6-8 ft. 6-7 ft. 5-6 ft. 4-5 ft. 3-4 ft. 2-3 ft. 1-2 ft.						6-8 ft. 6-7 ft. 5-6 ft. 4-5 ft. 3-4 ft. 2-3 ft. 1-2 ft.					
a	b	c	d	e		a	b	c	d	e	
Alexander	140	130	50	20		Moore's Favorite	1000	1000	1000	1000	1000
Amsden June	200	290	200	200	200	Mt. Rose	500	500			
Atlanta	200	200	200	200		Newington Cling	200	200	50	50	50
Belle of Georgia	1000	1000	1000	1000	1000	Nina	100	210	110	120	70
Bilyeu's	100	100				O. M. Free	2000				
Burke's Cling	100	220	130	160	120	O. M. Cling	310	350	280	260	230
Cornelia	210	210	110	180	70	Preston Cling	400	400	300		
Champion	1000	2000				Ray	1000	1000	1000	1000	1000
Chinese Cling	150	150	150	150	150	Stonewall Jackson	150	150	120	80	50
Connett's	500	1000	1000	1000	1000	Sneed	180	210	80	60	40
Easton Cling	100	220	160	130	90	Stinson	160	190	110	100	40
Early Michigan	100	200	150	100	100	Stump	1000				
Elberta	9000	9000	14000	10000	10000	Sunrise Cling	300	300	300	200	100
Eureka	200	300	500	400	100	Triumph	100				
Lodge	250	250	250			W. H. Cling	300	300	300	300	300
Levy's Late	500	500	500	500	500	Wilkin's Cling	200	200	200	200	200
Linden Cling	150	190	90	90	70						

a-1 in. b-3-4 in. c-8-16 3-4 in. d-1-2-3-4 in. e-3-8 in.

Prices quoted on application where not given here
To assure the best of stock offered in this list, we recommend placing orders early.

Harrison's Nurseries
J. G. HARRISON & SONS PROPRIETORS
BERLIN MARYLAND

